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PLASMA TV

SERVICE MANUAL

CHASSIS : PA-51D

MODEL : 50PC3D 50PC3D-UD

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by \triangle in the Schematic Diagram and Replacement Parts List. It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards. Do not modify the original design without permission of manufacturer.

General Guidance

An **Isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the same specified type.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

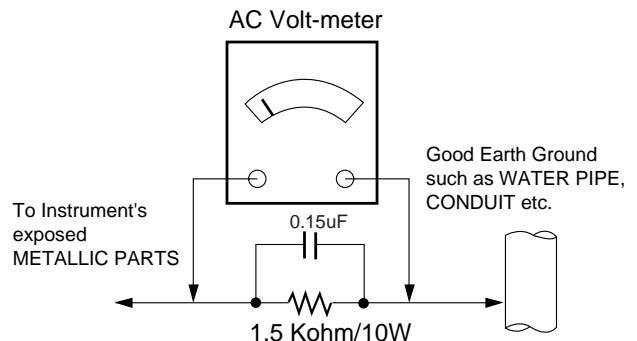
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



CANADA: LG Electronics Canada, Inc. 550 Matheson
Boulevard East Mississauga, Ontario L4Z 4G3

USA : LG Customer Interactive Center
P.O.Box 240007, 201 James Record Road Huntsville,
AL 35824
Digital TV Hotline 1-800-243-0000

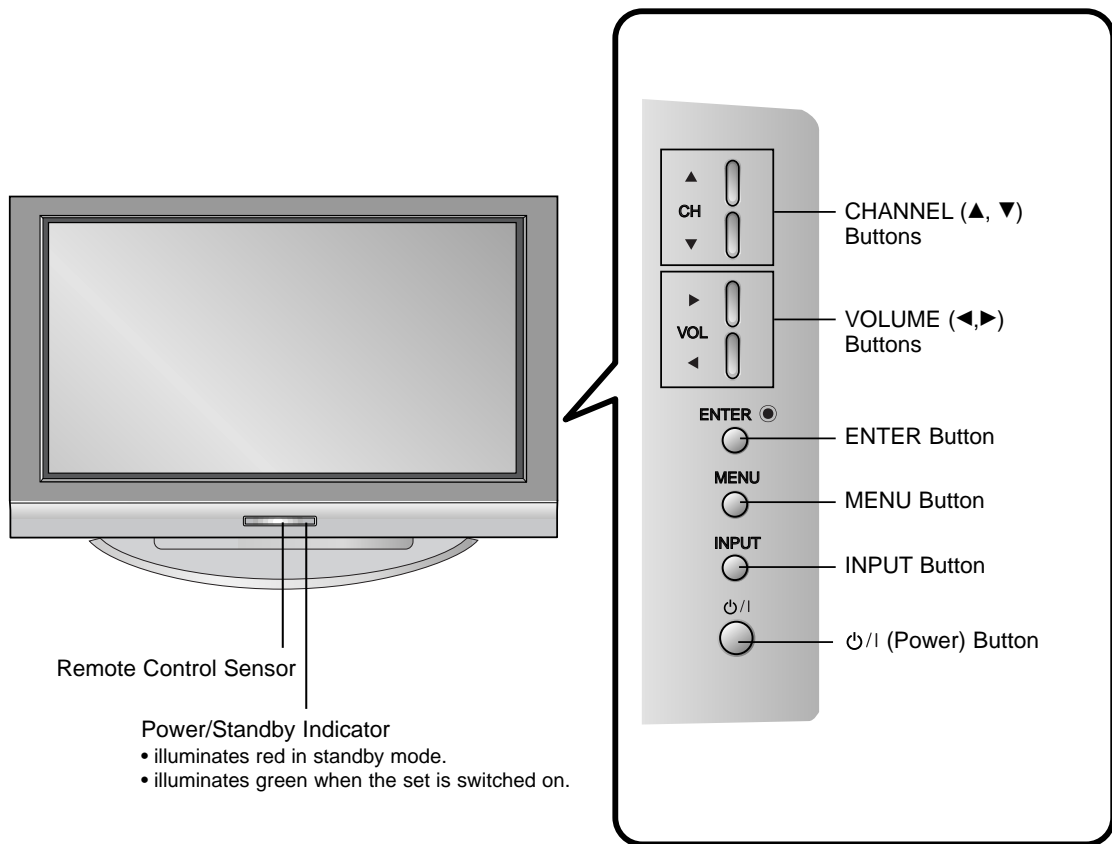
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DESCRIPTION OF CONTROLS

Controls

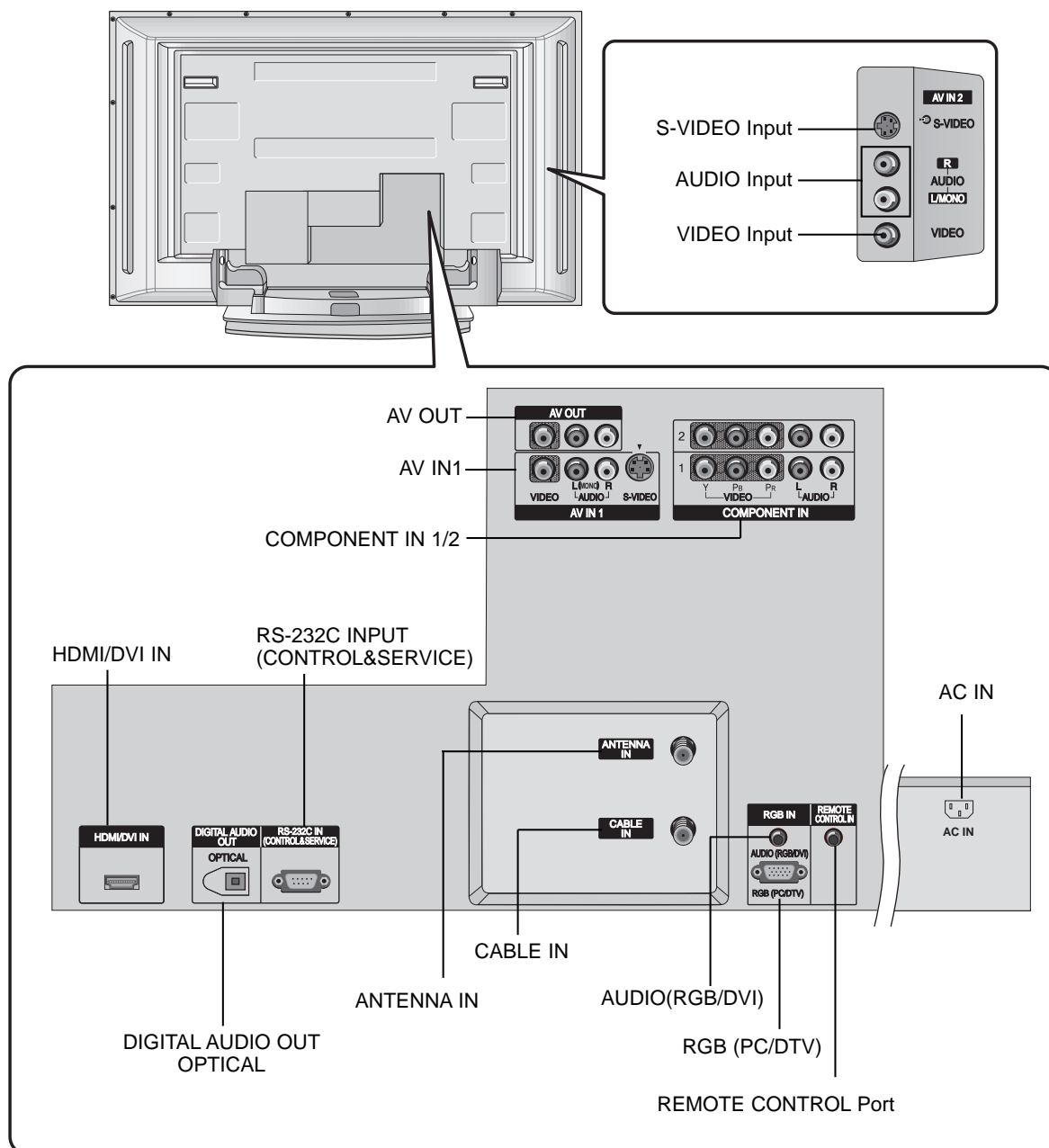
- This is a simplified representation of front panel.
- Here shown may be somewhat different from your TV.



DESCRIPTION OF CONTROLS

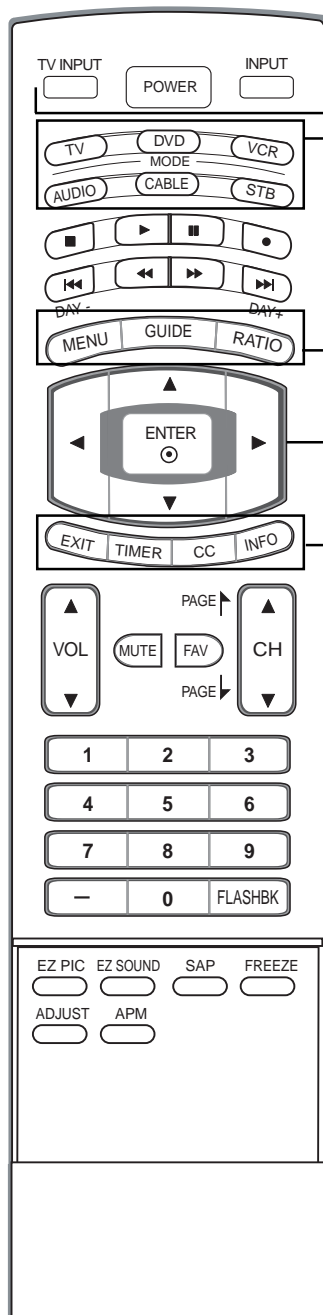
Connection Options

- Here shown may be somewhat different from your TV.



DESCRIPTION OF CONTROLS

Remote Control Key Functions



POWER

Turns your TV or any other programmed equipment on or off, depending on mode.

TV INPUT

Rotates the input mode between Antenna and Cable. In AV1-2, Component 1-2, RGB-DTV (or RGB-PC), and HDMI/DVI input sources, screen returns to the last TV channel.

INPUT (Refer to p.14)

External input modes rotate in regular sequence: Antenna, Cable, AV1-2, Component 1-2, RGB-DTV (or RGB-PC), HDMI/DVI). (AV1, AV2, Component 1-2 input sources are linked automatically, Only if these are connected)

MODE

Selects the remote operating mode: TV, DVD, VCR, AUDIO, CABLE, or STB. Select a mode other than TV, for the remote to operate an external device.

MENU

Brings up the main menu to the screen.

GUIDE

Shows program schedule.

RATIO

Changes the aspect ratio.

THUMBSTICK (Up/Down/Left/Right/ENTER)

Allows you to navigate the on-screen menus and adjust the system settings to your preference.

EXIT

Clears all on-screen displays and returns to TV viewing from any menu.

TIMER

Lets you select the amount of time before your TV turns itself off automatically.

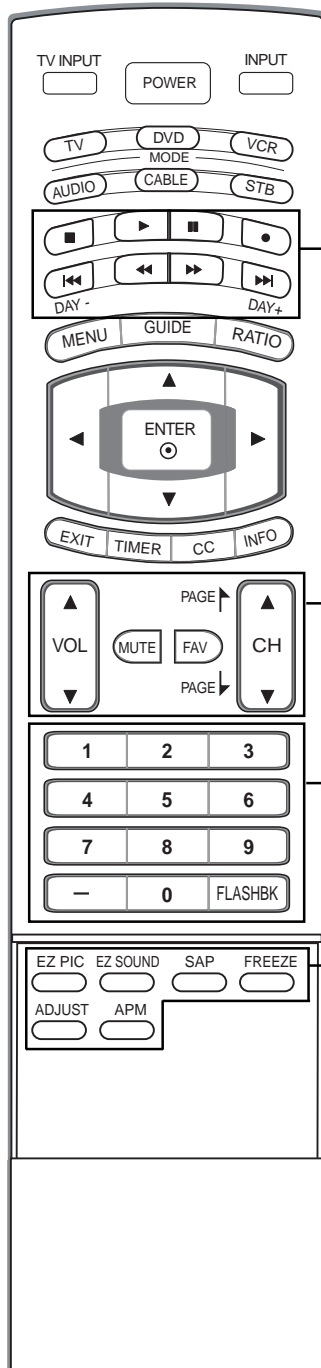
CC

Select a closed caption: Off, CC1~4, Text1~4.

INFO

When you watch the TV, information displays on top of the screen. Not available in Component 1-2, RGB and HDMI/DVI mode.

DESCRIPTION OF CONTROLS



VCR/DVD/DVHS/Camcorder BUTTONS

Control some video cassette recorders or DVD players ("RECORD" button is not available for DVD player).

DAY + / DAY-

Moves forward or backward in 24 hour increments.

VOLUME UP/DOWN

Increases/decreases the sound level.

CHANNEL UP/DOWN

Selects available channels found with EZ scan and Manual scan.

PAGE UP/DOWN

Moves from one full set of screen information to the next one.

MUTE

Switches the sound on or off.

FAV

Use to scroll the Favorite channels.

NUMBER BUTTONS

— (DASH)

Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.

FLASHBK

Returns to the last channel viewed.

EZ PIC

Selects a factory preset picture mode depending on the viewing environment.

EZ SOUND

Selects the sound appropriate for the program's character.

SAP

Selects MTS sound: Mono, Stereo, and SAP in analog mode. Change the audio language in DTV mode.

FREEZE

Freezes the currently-viewed picture.

ADJUST

Adjusts screen position, size, and phase in PC mode.

APM

Concurrently, compare with the Daylight, Normal, Night Time and Custom on the screen.

SPECIFICATIONS

MODEL	42PC3D/3DV-UD	50PC3D-UD
Television System	NTSC-M, ATSC, 64 & 256 QAM	
Program Coverage	VHF 2 ~ 13, UHF 14 ~ 69, CATV 1 ~ 135, CADTV 1 ~ 135, DTV 2 ~ 69	
External Antenna Impedance	75 Ω	
Operating Temperature Range	32 ~ 104°F (0 ~ 40°C)	
Operating Humidity Range	Less than 80%	
Resolution	42PC3D-UD: 1024 x 768 (Dot) 42PC3DV-UD: 852 x 480 (Dot)	1366 x 768 (Dot)

- The specifications shown above may be changed without prior notice for quality improvement.

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions are applied to all of the PDP TV, PA-51D.

Each PCB Assy must be checked by Check JIG Set before assembly. (Especially, be careful Power PCB Assy which can cause Damage to the PDP Module.)

2. Notes

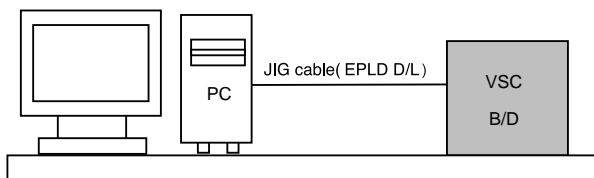
- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test equipment.
- (2) Adjustments must be done in the correct order.
- (3) The adjustments must be performed in the circumstance of $25\pm5^{\circ}\text{C}$ of temperature and $65\pm10\%$ of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver be must kept 110V, 60Hz when adjusting.
- (5) The receiver must be operational for about 15 minutes prior to the adjustments.

- 1) After receiving 100% white pattern, the receiver must be operated prior to adjustment. (Or 8. White Pattern condition in EZ - Adjust)
- 2) Enter into White Pattern
 - Press POWER ON Key on the Service Remote Control (S R/C)
 - Enter the Ez - Adjust by pressing ADJ Key on the Service Remote Control (S R/C).
 - Select the 7. White Pattern using CH +/- Key and press the Enter(■) Key.Display the 100% Full White Pattern.

* Set is activated HEAT-RUN without signal generator in this mode.

If you turn on a still screen more than 20 minutes (Especially Digital pattern(13 CH), Cross Hatch Pattern), an afterimage may occur in the black level part of the screen.

3. EPLD Download



<Fig. 1> Connection Diagram of EPLD Download

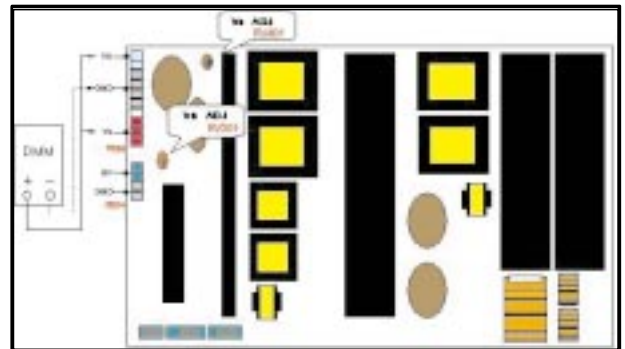
- (1) Test Equipment: PC, Jig for download
- (2) Connect the power of VSC B/D.
- (3) Execute download program(iMPACK) of PC.
- (4) After executing the hot key on the Programmer, click icon
- (5) End after confirming

4. POWER PCB Assy Voltage Adjustment (Va, Vs Voltage Adjustment)

4-1. Test Equipment : D.M.M 1EA

4-2. Connection Diagram for Measuring

Refer to <Fig. 2>.



<Fig. 2> Connection Diagram of Power Adjustment for Measuring (Power Board)

4-3. Adjustment

(1) Va Adjustment

- 1) Connect + terminal of D.M.M to Va pin of P805 and connect - terminal to GND pin of P805.
- 2) Adjust RV601 voltage to match that of the label on the Top/Right of the panel. (Deviation : $\pm 0.5\text{V}$)

(2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P805 and connect - terminal to GND pin of P805.
- 2) Adjust RV401 voltage to match that of the label on the Top/Right of the panel. (Deviation : $\pm 0.5\text{V}$)

ADJUSTMENT INSTRUCTIONS

5. EDID(The Extended Display Identification Data)/DDC (Display Data Channel) Download

This is the function that enables "Plug and Play".

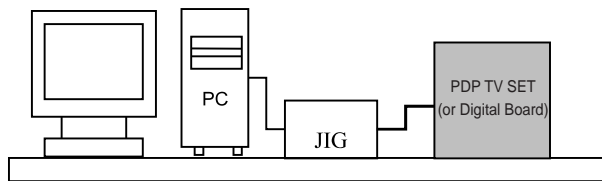
5-1. HDMI EDID Data Input

(1) Required Test Equipment

- 1) Jig for adjusting PC, DDC. (PC serial to D-sub. Connection equipment)
- 2) S/W for writing DDC(EDID data write & read)
- 3) D-Sub cable
- 4) Jig for HDMI Cable connection

(2) Preparation for Adjustments & Setting of Device

- 1) Set devices as below and turn on the PC and JIG.
- 2) Open S/W for writing DDC (EDID data write & read). (operated in DOS mode)



<Fig. 3>

5-2. EDID DATA for PA-51D

- EDID for HDMI (DDC (Display Data Channel) Data)
EDID table =

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	00	01	01	01	01
10	00	0F	01	03	80	73	41	96	0A	CF	74	A3	57	4C	B0	23
20	09	48	4C	2F	CE	00	31	40	45	40	61	40	01	01	01	01
30	01	01	01	01	01	01	01	64	19	00	40	41	00	26	30	18
40	36	00	00	D0	52	00	00	18	00	00	00	FD	00	38	55	1F
50	3C	08	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4C
60	47	20	54	56	0A	20	20	20	20	20	20	20	20	00	00	00
70	00	50	44	50	0A	20	20	20	20	20	20	20	20	01	8F	
80	02	03	13	F1	44	84	05	03	02	23	15	07	50	65	03	0C
90	00	10	00	01	1D	00	72	51	D0	1E	20	6E	28	55	00	C4
A0	8E	21	00	00	1E	01	1D	80	18	71	1C	16	20	58	2C	25
B0	00	C4	8E	21	00	00	9E	8C	0A	D0	8A	20	E0	2D	10	10
C0	3E	96	00	C4	8E	21	00	00	18	8C	0A	D0	8A	20	E0	2D
D0	10	10	3E	96	00	13	8E	21	00	00	18	00	00	00	00	00
E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	ED

- EDID DATA for RGB
EDID table =

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	00	FF	FF	FF	FF	FF	FF	00	1E	6D	01	01	01	01	01	01
10	16	0F	01	03	68	6E	3E	96	0A	30	31	A8	55	40	AC	25

20	0D	47	48	AF	CE	00	31	4F	45	4F	61	4F	01	01	01	01
30	01	01	01	01	01	01	64	19	00	40	41	00	26	30	18	88
40	36	00	4C	6C	42	00	00	18	00	00	00	FD	00	38	4B	1E
50	3D	08	00	0A	20	20	20	20	20	20	20	00	00	00	FC	00
60	47	20	54	56	0A	20	20	20	20	20	20	20	20	00	00	00
70	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	16

6. MST9883A-Set Adjustment

6-1. Synopsis

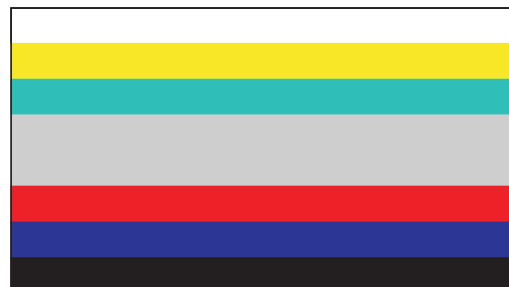
MST9883A-Set adjustment to set the black level and the Gain of optimum with an automatic movement from the analog => digital converter.

6-2. Test Equipment

Service R/C, MSPG925FA Pattern Generator
(720P The Horizontal 100% Color Bar Pattern output will be possible and the output level will accurately have to be revised with 0.7±0.1Vp-p)



<Fig. 4> Adjustment Mode



<Fig. 5> Adjustment Pattern: HOzTV31Bar Pattern
(720P/60Hz: Format No. 217)
(480i/60Hz: Format No. 209)

ADJUSTMENT INSTRUCTIONS

6-3. Adjustment

- (1) Select Component as the input with 100% Horizontal Color Bar Pattern(HozTV31Bar) in 720p Mode and select 'Normal' on screen.
 - (2) After receiving signal for at least 1 second, press the ADJ Key on the Service R/C to enter the 'Ez - Adjust' and select the '1. MST9883A-720p Set'.
Pressing the Enter Key to adjust with automatic movement.
 - (3) When the adjustment is over, 'MST9883A Component Success' is displayed. If the adjustment has errors, 'MST9883A Configuration Error' is displayed.
 - (4) After the Component MST9883A adjustment is over, convert the RGB-DTV Mode and display Pattern.
When the adjustment is over, 'MST9883A RGB_DTV Success' is displayed.
 - (5) Select Component as the input with 100% Horizontal Color Bar Pattern(HozTV31Bar) in 480i Mode.
 - (6) After receiving signal for at least 1 second, press the ADJ Key on the Service R/C to enter the 'Ez - Adjust' and select the '3. MST9883A-480i Set'.
Pressing the Enter Key to adjust with automatic movement.
 - (7) When the adjustment is over, 'MST9883A Component Success' is displayed. If the adjustment has errors, 'MST9883A Configuration Error' is displayed.
- * MST9883 480i adjustment is apply the only Component Mode.
- (8) Readjust after confirming the case Pattern or adjustment condition where the adjustment had errors.
 - (9) After adjustment is complete, exit the adjustment mode by pressing the ADJ KEY.

7. Adjustment of White Balance

7-1. Required Equipment

- (1) Color analyzer (CA-100 or similar product)
- (2) Automatic adjustor (with automatic adjustment hour necessity and the RS-232C communication being possible)
- (3) Pattern Generator(MSPG-925FA): DVI Output

7-2. Connection Diagram of Equipment for Measuring (Automatic Adjustment)

* RS-232C Command (Automatic Adjustment)

	RS-232C COMMAND			Min	CENTER(DEFAULT)			Max
	Cool	Med	Warm		Cool	Med	Warm	
R Gain	Jg	Ja	Jd	00	b8	c0	c0	ff
G Gain	Jh	Jb	Je	00	bd	b8	96	ff
B Gain	Ji	Jc	Jf	00	c0	b1	54	ff
R Cut					40	40	40	7f
G Cut					40	40	40	7f
B Cut					40	40	40	7f

7-3. Adjustment of White Balance

- Operate the Zero-calibration of the CA-100, then attach sensor to PDP module surface when you adjust.
- Manual adjustment is also possible by the following sequence.

- (1) Enter 'Ez - Adjust' by pressing ADJ KEY on the Service Remote Control.
- (2) Select "8. WHITE PATTERN" using CH +/- Key and HEAT RUN at least 30 minutes by pressing the ENTER Key.
- (3) Receive the Window pattern signal from Digital Pattern Generator. (AV Input: connect the 'HDMI')
- (4) After attaching sensor to center of screen, select '5. White-Balance' of 'Ez - Adjust' by pressing the ADJ KEY on the Service R/C. Then enter adjustment mode by pressing the Right KEY (►) .
- (5) Adjust the Hight Light using R Gain/G Gain(Cool).
Adjust the Hight Light using G Gain/B Gain(Medium).
Adjust the Hight Light using G Gain/B Gain(Warm).
- (6) Adjust using Volume +/- KEY.
After adjustment is complete, exit the adjustment mode by pressing the ADJ KEY.

High Level: 216gray

[Cool]

X; 0.278±0.002 Y; 0.279±0.002
Color temperature: 11000°K±1000°K

[Medium]

X; 0.287±0.003 Y; 0.289±0.003
Color temperature: 9300°K±1000°K

[Warm]

X; 0.315±0.002 Y; 0.316±0.002
Color temperature: 6500°K±1000°K

ADJUSTMENT INSTRUCTIONS

8. Video(uPD)-Set

8-1. Required Equipment

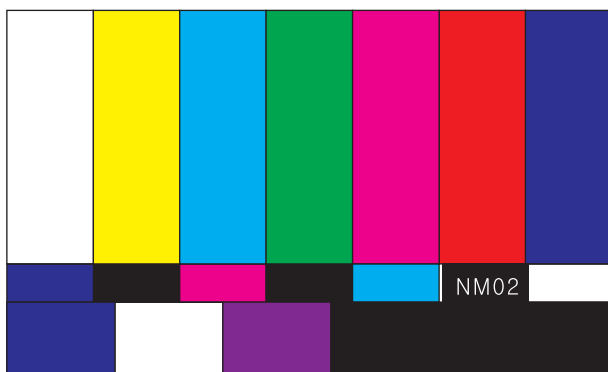
MSPG925FA Pattern Generator-connector with Video Input

8-2. MSG925FA Adjustment

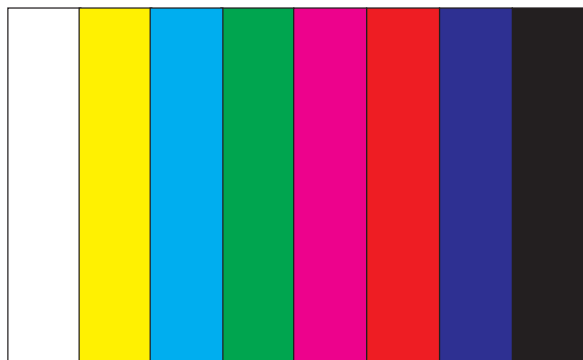
- (1) After select the model, input the #201(NTSC-M).
- (2) Receive the 100% Color Bar Pattern.(Pattern #32)
- (3) Select the Reverse button and select the signal as below figure.

8-3. Adjustment

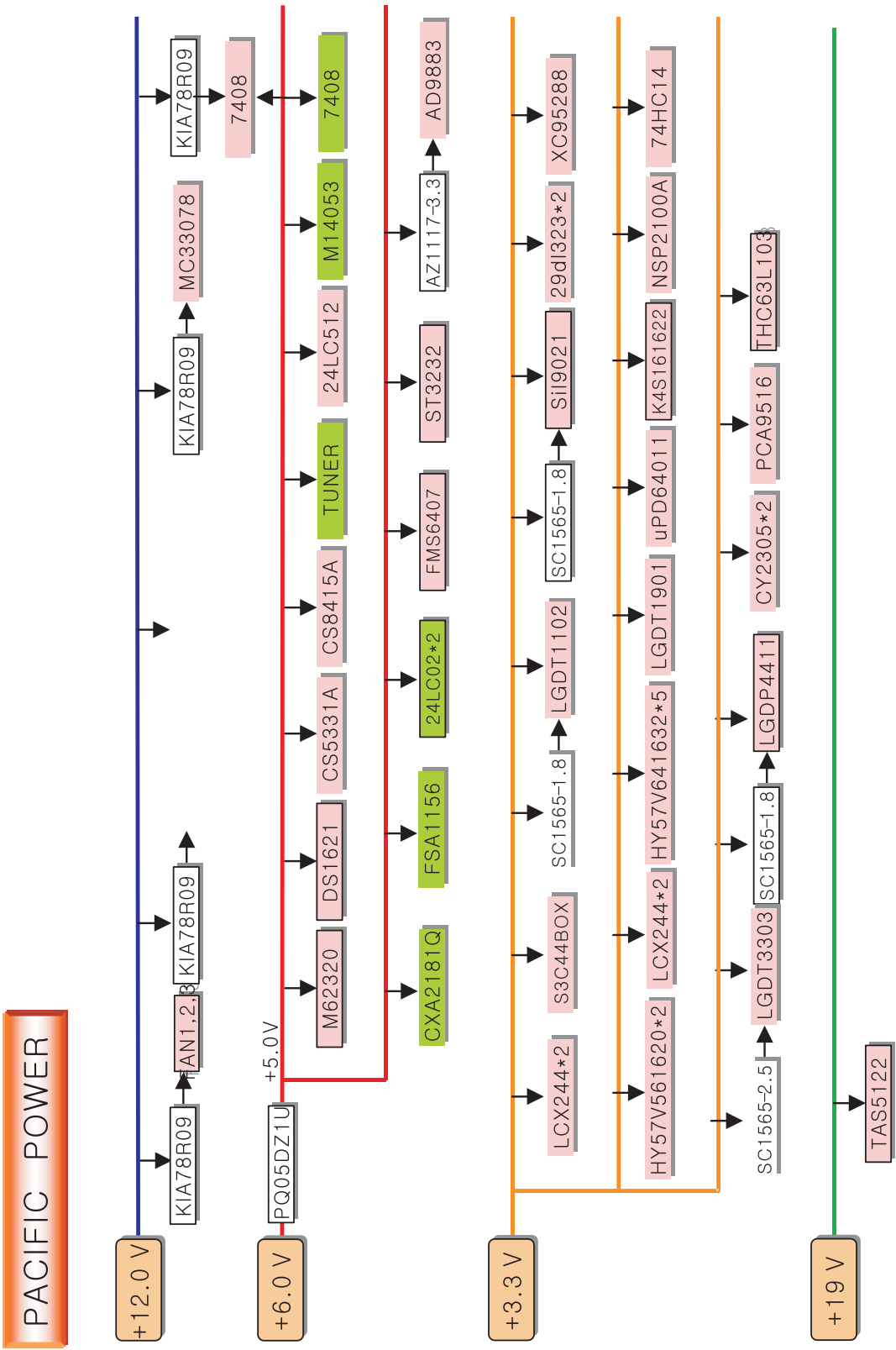
- (1) After receive signal to Ant input, CVBS output of MSPG925FA to Video and confirm the signal receiving.
- (2) Enter the 'EZ-ADJUST' by pressing the ADJ Key on the Service R/C.
- (3) Select '3. Video(uPD)-Set' and enter the adjustment mode by pressing the right key(▶).
- (4) When enter the adjustment mode, displayed the TV 2CH Screen automatic at picture and appear as below figure.



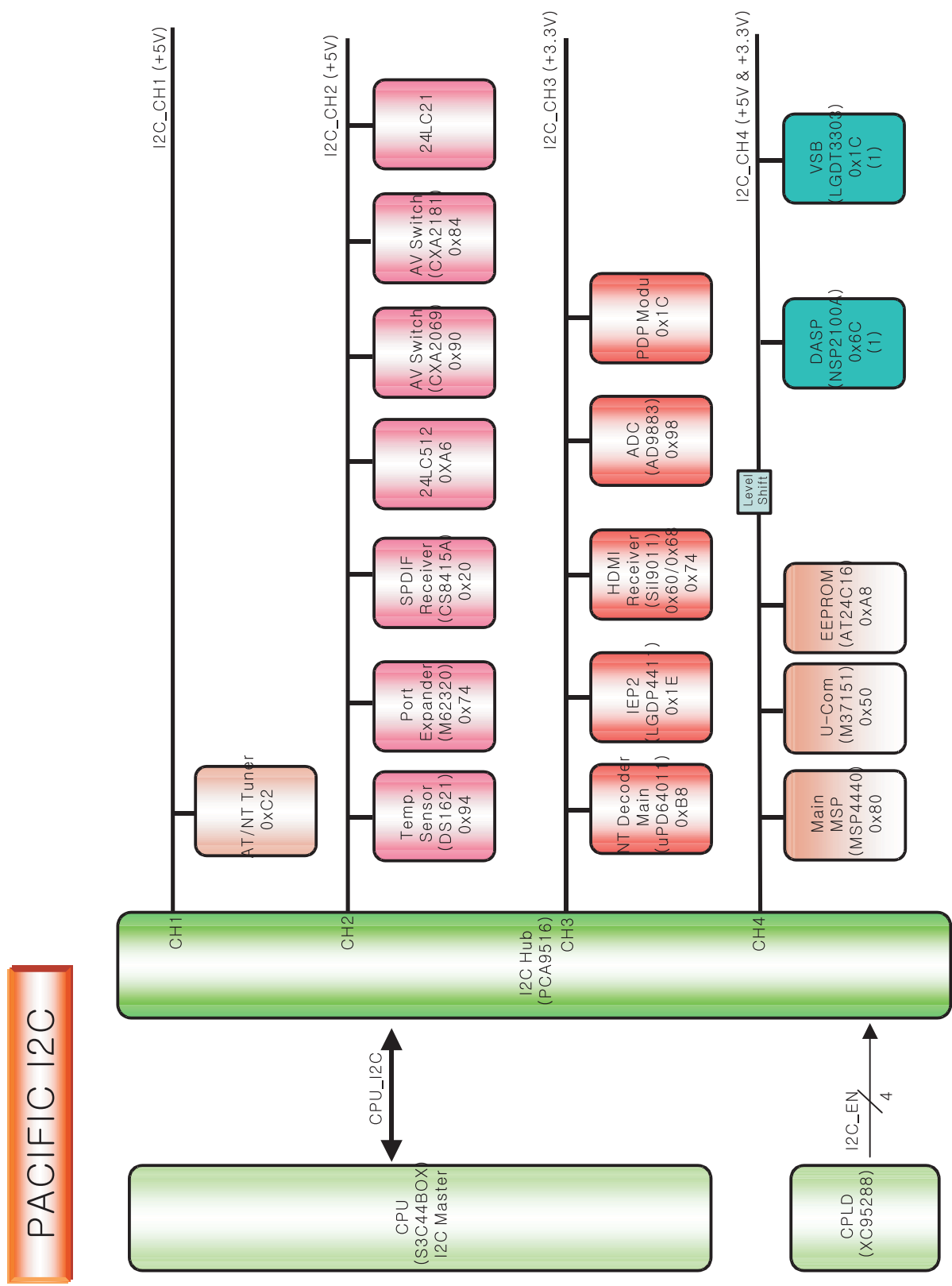
- (5) When the automatic adjustment is over, 'RF Configuration Success' is displayed. If the adjustment has errors, 'Video Configuration Error' is displayed.
- (6) After the RF signal automatic adjustment is over, convert the Video Mode as below figure and adjust with automatic movement the Video Mode.
When the automatic adjustment is over, 'Video Configuration Success' is displayed. If the adjustment has errors, 'Video Configuration Error' is displayed.



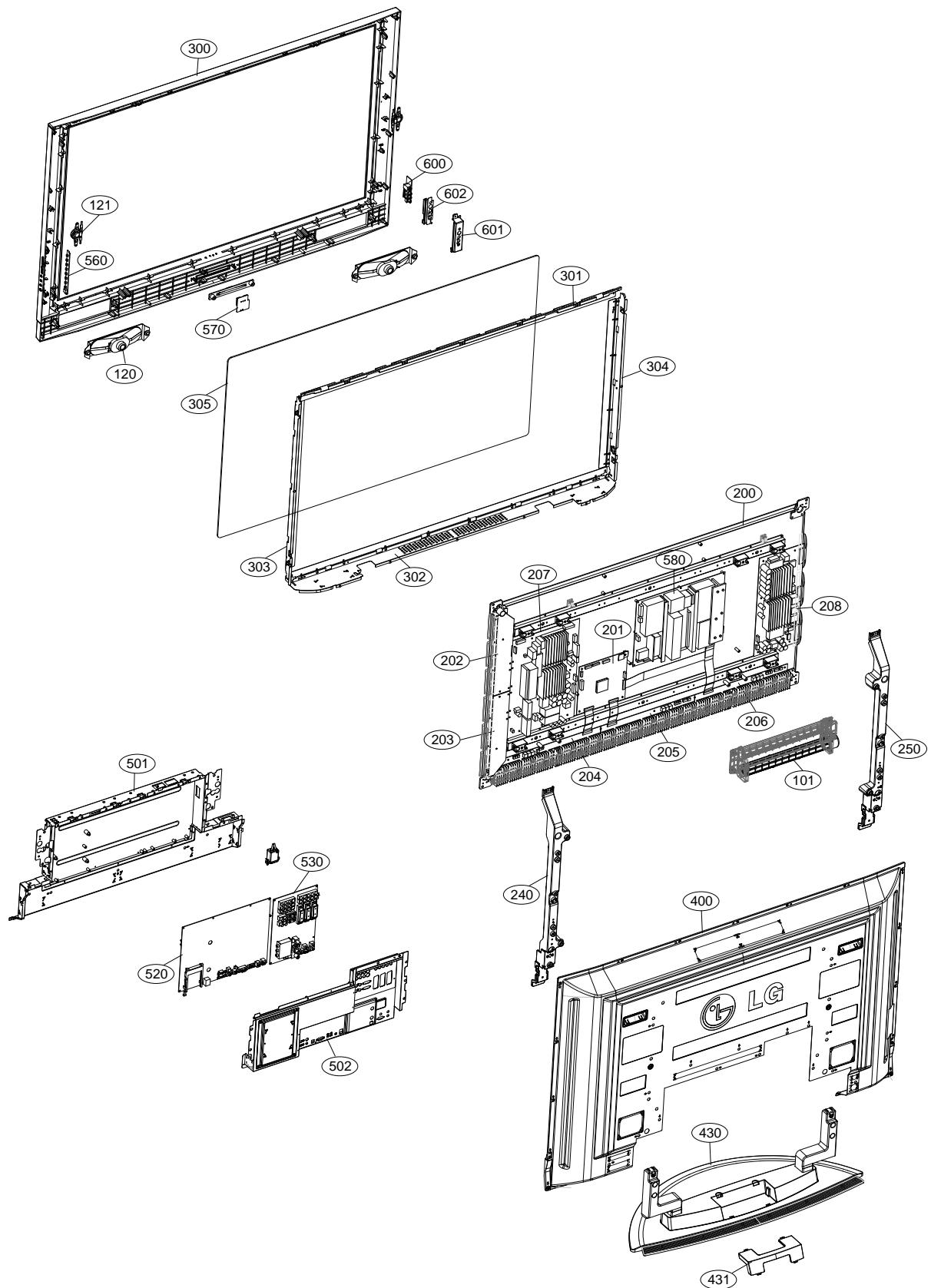
BLOCK DIAGRAM



BLOCK DIAGRAM



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
101	5900904001A	FAN,C4230S12B2-LG DONGYANG DC CROSSFLOW 12V 60MM 1100RPM 3P 850MM CFF
120	6400WMCX04A	SPEAKER,WOOFER G2060102 M 8OHM 15W 82DB OTHERS 100HZ 240*57MM
121	6400DTTX02B	SPEAKER,TWEETER EN15D-6659 8OHM 15/20W 78DB OTHERS PC1 MODEL
△ 200	6348Q-C049N	PDP,50 1365*768 PDP50X30010.AKDDG
	6348Q-C049F	PDP,50 1365*768 PDP50X30010.DDDR *CSKD
201	6871QCH059B	PCB ASSEMBLY,DISPLAY CTRL ASSY 50 CTRL WITH AU CONNECTOR
202	6871QDH088A	PCB ASSEMBLY,DISPLAY YDRV ASSY 50X3 YDRV TOP
203	6871QDH089A	PCB ASSEMBLY,DISPLAY YDRV ASSY 50X3 YDRV BOTTOM
204	6871QLH049D	PCB ASSEMBLY,DISPLAY XRLT ASSY 50 X3 FFC TCP AU
205	6871QXH030D	PCB ASSEMBLY,DISPLAY XRCT ASSY 50 X3 FFC TCP AU
206	6871QRH057D	PCB ASSEMBLY,DISPLAY XRRT ASSY 50 X3 FFC TCP AU
207	6871QYH039A	PCB ASSEMBLY,DISPLAY YSUS ASSY FOR 50X3
208	6871QZH044A	PCB ASSEMBLY,DISPLAY ZSUS ASSY FOR 50X3
240	4980900101A	SUPPORTER ASSY,AL NON
	4980900101C	SUPPORTER ASSY,AL SKD
250	4980900102A	SUPPORTER ASSY,AL VERTICAL L
	4980900102C	SUPPORTER ASSY,AL VERTICAL L SKD
△ 300	30919E0005A	CABINET ASSEMBLY,50PC2R-TA BRAND 3090V00922 NON
	30919E0005B	CABINET ASSEMBLY,50PC3D-UD.SUSULLJR BRAND CSKD
301	4980900103A	SUPPORTER,FILTER AL 50PC1R-TA, TOP
	4980900103B	SUPPORTER,FILTER AL 50PC3D-UD.SUSULLJR
302	4980900104A	SUPPORTER,FILTER AL 50PC1R-TA, BOTTOM
	4980900104B	SUPPORTER,FILTER AL 50PC3D-UD.SUSULLJR BOTTOM
303	4980900105A	SUPPORTER,FILTER AL 50PC1R-TA , RIGHT
	4980900105B	SUPPORTER,FILTER AL 50PC3D-UD.SUSULLJR RIGHT
304	4980900106A	SUPPORTER,FILTER AL 50PC1R-TA , LEFT
	4980900106B	SUPPORTER,FILTER AL 50PC3D-UD.SUSULLJR LEFT
305	5230V00025B	FILTER(MECH), LG CHEMICAL GLASS FILTER (40%)
△ 400	3809900102D	BACK COVER ASSEMBLY,50PC3 2PHONE DIGITAL
	3809900102F	BACK COVER ASSEMBLY,50PC3D-UD.SUSULLJR NON SKD
△ 430	3501900004E	BOARD ASSEMBLY,STAND 50PC3D-UD PA52D
	3501900004F	BOARD ASSEMBLY,STAND 50PC3D-UD PA52D SKD
431	35509K0101E	COVER,42/50PC3D-UD CABLE DARK TITAN
501	3301900089D	PLATE ASSEMBLY,AV 3300V00615 VTCP-PRESS
502	3301900092J	PLATE ASSEMBLY,DIGITAL COVER ASSY (PA52D)(50INCH)
520	68719MM062A	PCB ASSEMBLY,MAIN PA51D 50PC3D-UD AUSLLAX
530	68719SMJ26A	PCB ASSEMBLY,SUB PA51D 42PC3D-UD AUSLLAX TUNER B/D
560	68719SM157A	PCB ASSEMBLY,SUB PA51D 50PC3D-UD AUSLLAX CONTROL KEY
	68719SM157B	PCB ASSEMBLY,SUB PA51D 50PC3D-UD SUSLLJR CONTROL KEY SKD
570	68719SMJ11A	PCB ASSEMBLY,SUB PA51D 50PC3D-UD AUSLLAX PREAMP+LED
	68719SMJ11B	PCB ASSEMBLY,SUB PA51D 50PC3D-UD SUSLLJR PREAMP+LED SKD
△ 580	6709900020A	POWER SUPPLY ASSEMBLY,50INCH UNIFAICATION PSU PDP LGIT PA61A 530W 50PB2DR
600	68719SM156A	PCB ASSEMBLY,SUB PA51D 50PC3D-UD AUSLLAX SIDE AV
601	4811900021A	BRACKET ASSEMBLY,SIDE AV 42PC3D-UD PA51D NORTH AMERICA
602	48149V0003B	SHIELD,SIDE AV 50PC1R

REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyester
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

RUN DATE : 2006.2.17

LOCA. NO	PART NO	DESCRIPTION
IC		
IC100	0IMMRAL014C	AT24C02N-10SU-2.7 8P
IC100	0IMCRSS016A	S3C44BOX01-EDRO LQFP-160 TRAY CPU
IC1000	0IMCRSH001A	PQ05DZ1U SHARP 5
IC1001	0IMCRSH001A	PQ05DZ1U SHARP 5
IC1002	0ILNR00015A	NSP-2100A 64P DIGITAL AUDIO
IC1003	0IMCRTI028C	TAS5122DCARG4 56P
IC1004	0IMCRMN027D	MSP4440K 80P MULTI SOUND
IC1005	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC1006	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC1007	0IPMGA0010A	AZ1117H-3.3 SOT-223 3P R/TP 3.3V
IC1008	0IMCRFA010A	KA7809R 2P
IC1009	0IPMGA0010A	AZ1117H-3.3 SOT-223 3P
IC101	0IMCRSO025A	CXA2181Q SONY 48P
IC101	0IKE702900G	KIA7029AF SOT-89 TP 2.9V
IC102	0IPH740800M	74F08D 14P
IC103	0ISO206900A	CXA2069Q QFP64 BK I2C BUS AV S/W
IC103	0IPH741400E	74HC14D 14SOP
IC104	0ISTL00024A	MC14053BDR2G 16P
IC107	0IMMRHY001L	HY57V641620ETP-H 54P
IC108	0IMMRHY001L	HY57V641620ETP-H 54P
IC110	0IKE704200J	KIA7042AF SOT-89 TP 4.2V
IC1100	0ICTMLG019A	LGDT3303 LG IC 100P
IC1101	0IPRP00538A	FSA1156P6X-NL 6P
IC111	0IMCRAL006A	AT24C16AN-10SU-2.7 8 EEPROM
IC200	0IPRP00009A	ICL3232CBNZ 16P
IC200	0IMCRSH001A	PQ05DZ1U SHARP 5
IC201	0IMCRPH026B	PA9516APW 16P
IC201	0IMCRFA010A	KA7809R 2P
IC202	0IMCRAL021A	AT24C512W-10SU-2.7 8PIN
IC202	0IMCRSH001A	PQ05DZ1U SHARP 5
IC203	0IMCRXL004A	XC95288XL-10TQG144C 144P
IC300	0IPRPFA015B	FMS6400CS1X 8P
IC301	0IPMGSG018C	LD1086DT15TR 2P
IC302	0IPRPNE008A	UPD64011BGM-8ED-A 160
IC303	0IMMR00080A	HY57V161610ETP-6 50PIN
IC304	0IPRPFA016A	FMS6407MTC20X-NL(PB-FREE) 20P
IC305	0IPMGA0010A	AZ1117H-3.3 SOT-223 3P R/TP 3.3V 1A
IC306	0IPRPM3002D	MST9883C-LF-110 80P
IC400	0ICTMLG009C	LGDT1102C HD2.3 SBGA-432P
IC401	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC500	0IMMR00141A	HY57V641620ETP-6 54PIN
IC501	0IMMR00141A	HY57V641620ETP-6 54PIN
IC502	0IMMR00141A	HY57V641620ETP-6 54PIN
IC503	0IMMR00141A	HY57V641620ETP-6 54PIN
IC504	0IMCRCY001A	CY2305SXC-1HT 8P
IC505	0ICTMLG013A	LGDT1901A LG IC 24P

LOCA. NO	PART NO	DESCRIPTION
IC507	0IPRP00668A	IDT2309A-1DCG IDT 16P
IC600	0IPRPS5005A	SI9011CLU(PB FREE) 128P
IC602	0IMMRAL014C	AT24C02N-10SU-2.7 8P
IC603	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC700	0IMCRFA013A	74LCX244MTC 20P
IC701	0ICB533100A	CS5331A-KSR 8SOIC TP ADC -
IC702	0ISTL00029A	MC33078DR2G 8P
IC703	0IPMGKE032A	KIA78R09F 5PIN DPAK R/TP 1A,9V
IC704	0ICB841500B	CS8415A-CZR 28P
IC800	0IMI623200B	M62320FP 16P
IC801	0IPRPNS054A	LM75CIMX-3 8P
IC802	0IMCRSJ001B	SC1565IST-2.5TR 2.5V 1.5A 3P SOT-223
IC803	0IMCRSH001A	PQ05DZ1U SHARP 5
IC804	0IPMGKE032A	KIA78R09F 5PIN DPAK R/TP 1A,9V
IC805	0IPMGKE032A	KIA78R09F 5PIN DPAK R/TP 1A,9V
IC900	0IMCRSJ001A	SC1565IST-1.8 3P SOT223
IC902	0ICTMLG018B	LGDP4411 IEP2 LG IC 208P
IC903	0IMCRTH002A	THC63LVD103 64P
IC906	0IPMGA0010A	AZ1117H-3.3 SOT-223 3P R/TP 3.3V
TRANSISTOR		
Q100	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1000	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1001	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1002	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1003	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1004	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1005	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1006	0TR102008AA	KRA102S SOT23 CHIP TR
Q1008	0TR830009BA	BSS83
Q101	0TR102009AG	CHIP KRC102S KEC TP SOT-23
Q101	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q101	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q102	0TR102009AG	CHIP KRC102S KEC TP SOT-23
Q102	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q102	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q103	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q104	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q105	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q106	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q107	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q107	0TR830009BA	BSS83
Q108	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q109	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q110	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1100	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1101	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q111	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
Q112	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1004	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q113	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1005	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q114	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1006	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
Q115	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1008	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
Q117	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1009	0CC020CK01A	2PF 1608 50V 0.25 PF R/TP NP0
Q118	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C101	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
Q119	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C101	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q120	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C101	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
Q121	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1010	0CC020CK01A	2PF 1608 50V 0.25 PF R/TP NP0
Q122	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1011	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
Q123	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1012	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q124	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	C1013	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
Q138	0TR102009AJ	KRC102S SOT23 50V 0.1A	C1014	0CC560CK41A	56PF 1608 50V 5% R/TP NP0
Q139	0TR102009AJ	KRC102S SOT23 50V 0.1A	C1015	0CC560CK41A	56PF 1608 50V 5% R/TP NP0
Q141	0TR102009AJ	KRC102S SOT23 50V 0.1A	C1016	0CC560CK41A	56PF 1608 50V 5% R/TP NP0
Q300	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1017	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
Q301	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1018	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q302	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1019	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q303	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C102	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
Q304	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C102	0CC330CK41A	33PF 1608 50V 5% R/TP NP0
Q305	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	C1022	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
Q600	0TR830009BA	BSS83	C1023	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q601	0TR830009BA	BSS83	C1024	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
Q602	0TR830009BA	BSS83	C1025	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
Q603	0TR102009AG	CHIP KRC102S KEC TP SOT-23	C1026	0CE335WK6D8	3.3UF MVK,RC 50V 20% SMD TAPPING
DIODE			C1027	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
D100	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1028	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
D101	0DD181009AB	KDS181 TP KEC - 85V - 300MA	C1029	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
D106	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C103	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
D109	0DZRM00218A	ZENERS,UDZS8.2B	C103	0CE4763F618	47UF SRE,SE 16V 20% FL TP 5
D1100	0DL233309AC	LED,SAM2333	C1030	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
D1101	0DL233309AC	LED,SAM2333	C1031	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
D115	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1032	0CK474CH94A	0.47UF 1608 25V 80%,-20% R/TP F(Y5V)
D200	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1033	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
D201	0DRSE00038A	SDC15 TVS SOT23 12.8V	C1035	0CK474CH94A	0.47UF 1608 25V 80%,-20% R/TP F(Y5V)
D202	0DL233309AC	LED,SAM2333	C1038	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
D203	0DL233309AC	LED,SAM2333	C104	0CE4763F618	47UF SRE,SE 16V 20% FL TP 5
D600	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1040	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
IC102	0DD184009AA	KDS184 TP KEC - 85V - 300MA	C1042	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
LD101	0DL200000CA	LED,SAM5670(DL-2LRG) BK Y-GREEN -	C1043	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
LED802	0DL233309AC	LED,SAM2333	C1044	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
ZD1000	0DZRM00248A	ZENERS,RLZ8.2B-TE11	C1045	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
CAPACITOR			C1046	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C100	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1047	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
C100	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C1048	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C1000	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1049	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1001	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C105	0CC821CK41A	820PF 1608 50V 5% R/TP NP0
C1002	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C105	0CE4763F618	47UF SRE,SE 16V 20% FL TP 5
C1003	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1050	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)
			C1051	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
			C1052	0CK222CK51A	2200PF 1608 50V 10% R/TP B(Y5P)

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C1053	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1108	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1054	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1109	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1055	0CC471CK41A	470PF 1608 50V 5% R/TP NP0	C1109	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1056	0CE335WK6D8	3.3UF MVK,RC 50V 20% SMD TAPPING	C111	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1057	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1110	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1058	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C1111	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C106	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1112	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C106	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C1115	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING
C1062	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1117	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1063	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1118	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1064	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C112	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1065	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1121	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1066	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1121	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1067	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1122	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1068	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1123	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1069	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1123	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C107	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1124	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1070	0CE108EJK18	1000UF KMG,RD 35V 20%,-20% FL TP 5	C1125	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1072	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1126	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1073	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1126	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1074	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1127	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1075	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1127	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1076	0CK333CK56A	33000PF 1608 50V 10% R/TP X7R	C1128	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1077	0CE108EJK18	1000UF KMG,RD 35V 20%,-20% FL TP 5	C1128	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1078	0CE475WK6DC	4.7UF MVK,RC 50V 20% SMD TAPPING	C1129	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1079	0CE475WK6DC	4.7UF MVK,RC 50V 20% SMD TAPPING	C1129	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING
C108	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C113	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C1080	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1130	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1081	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1130	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1082	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1131	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1083	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1132	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1084	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI	C1132	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1085	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI	C1133	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD
C1086	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1134	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1087	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1135	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1088	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1136	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1089	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1136	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C109	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1137	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1090	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1137	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1095	0CE107WF6DC	100UF MVK 16V 20%	C1138	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1097	0CE476WH6DC	47UF MVK 25V 20%	C1138	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C110	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1139	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1100	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1139	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1103	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C114	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1104	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	C114	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1104	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C1140	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1105	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1140	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1106	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C1141	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1107	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C1141	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1107	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C1142	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1108	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C1143	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C1144	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1326	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1147	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1327	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1148	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1328	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1149	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C133	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C115	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1331	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1150	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1335	0CC101CK41A	100PF 1608 50V 5% R/TP NP0
C1151	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C1336	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1152	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C134	0CC200CK41A	20PF 1608 50V 5% R/TP NP0
C1153	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	C134	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1155	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	C135	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1156	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING	C135	0CC200CK41A	20PF 1608 50V 5% R/TP NP0
C1157	0CE225WK6DC	2.2UF MVK,RC 50V 20% SMD TAPPING	C136	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1158	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C137	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C116	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C138	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
C117	0CH5120K416	12PF 50V 5% NP0 2012 R/TP	C139	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C118	0CC470CK41A	47PF 1608 50V 5% R/TP NP0	C140	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
C119	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C141	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C120	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C141	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C120	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP	C142	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C121	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C142	0CC561CK41A	560PF 1608 50V 5% NP0 R/TP
C122	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C143	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C123	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C143	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C124	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C144	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C125	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C144	0CC221CK41A	220PF 1608 50V 5% R/TP NP0
C126	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C145	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C127	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C145	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C128	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C146	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C129	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C146	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C130	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C147	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1300	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C147	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1301	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C148	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1302	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C148	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1303	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C150	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD
C1304	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C151	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1305	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C152	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C1306	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C153	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1308	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C153	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1309	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C155	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C131	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C156	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1312	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C156	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C1313	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C157	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1314	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C157	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1315	0CK823CF56A	82NF 1608 16V 10% X7R R/TP	C158	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C1316	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C161	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD
C1317	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C200	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP
C1318	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C201	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP
C1319	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C202	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP
C1320	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C202	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R
C1323	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C203	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R
C1324	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C203	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C1325	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C204	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C205	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C304	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C205	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C306	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C206	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C307	0CC100CK41A	10PF 1608 50V 5%
C206	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C308	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C207	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C309	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C207	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C310	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C208	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C311	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C208	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C312	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C209	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C313	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C210	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C314	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C210	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C315	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C211	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C316	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C211	0CC470CK41A	47PF 1608 50V 5% R/TP NP0	C317	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C212	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C318	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C214	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C319	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C215	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C320	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C215	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C322	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C216	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C323	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C217	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C325	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C217	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C326	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C218	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C328	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C218	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C329	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C219	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C330	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C219	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C331	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C220	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C332	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C220	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C333	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C221	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C334	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C222	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C335	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C223	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C336	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C224	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C337	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C224	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C338	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
C225	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C339	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C225	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C340	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C226	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C341	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C226	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C342	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C227	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C343	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C227	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C344	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C228	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C345	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C229	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C346	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C230	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C348	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C231	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C349	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C232	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C350	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C233	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C351	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C234	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C352	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C235	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C353	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C237	0CK104DK56A	0.1UF 2012 50V 10% R/TP X7R	C354	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C238	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C355	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C300	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C356	0CC220CK41A	22PF 1608 50V 5% R/TP NP0
C301	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C357	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C302	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C358	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C303	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C359	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C360	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C427	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C361	0CC220CK41A	22PF 1608 50V 5% R/TP NP0	C428	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C363	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C429	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C364	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C430	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C365	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C431	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C366	0CC221CK41A	220PF 1608 50V 5% R/TP NP0	C432	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C367	0CC101CK41A	100PF 1608 50V 5% R/TP NP0	C433	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C368	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C434	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C369	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C435	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C370	0CC331CK41A	330PF 1608 50V 5% R/TP NP0	C436	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C371	0CC151CK41A	150PF 1608 50V 5% NP0 R/TP	C437	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C373	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C438	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C374	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C439	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C375	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C440	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C376	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C441	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C377	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C442	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C379	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C443	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C380	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C444	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C384	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C445	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C385	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C446	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C387	0CC102CK41A	1000PF 1608 50V 5% R/TP NP0	C447	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C391	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C448	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C392	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C449	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C393	0CK473CK56A	47000PF 1608 50V 10% R/TP X7R	C450	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C395	0CC471CK41A	470PF 1608 50V 5% R/TP NP0	C451	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C399	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C452	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C401	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C453	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C402	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C454	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C404	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C455	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C405	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C456	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C406	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C457	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C407	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C458	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C408	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C461	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C409	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C462	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C410	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C463	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C411	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C464	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
C412	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C465	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C413	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C466	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C414	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C467	0CK104CK56A	0.1UF 1608 50V 10% R

REPLACEMENT PARTS LIST

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REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C716	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C907	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C717	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C908	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C718	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	C909	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C719	0CK472CK56A	4700PF 1608 50V 10% R/TP X7R	C910	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C721	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C911	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C722	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C913	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C723	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C914	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C724	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C915	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C725	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C916	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C728	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C917	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C729	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	C918	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C730	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C919	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C800	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	C920	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C801	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C921	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
C802	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C922	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C803	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C923	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C804	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C924	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C805	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C925	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
C806	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C926	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C808	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C927	0CK102CK56A	1000PF 1608 50V 0.1 R/TP X7R
C809	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)	C928	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C811	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C929	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C812	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C931	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C813	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C933	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C814	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C934	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C815	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C936	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C816	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C937	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C817	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C938	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C818	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C939	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C819	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C940	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C820	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C941	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C821	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C942	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C822	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C952	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C823	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	C958	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C824	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD	C961	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C825	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC100	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C826	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC101	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C827	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	CC102	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C828	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	CC103	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C829	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC104	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C830	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC105	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
C831	0CE476VH6DC	47UF MV 25V 20% R/TP(SMD) SMD	CC106	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP
C832	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	CC107	0CK334CF56A	0.33UF 1608 16V 10% X7R R/TP
C849	0CE105WK6DC	1UF MVK 50V 20% R/TP(SMD) SMD	CC108	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C900	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC109	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C901	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	CC111	0CE477EK618	470UF KMG 50V 20% FL TP 5
C902	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	CC112	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)
C903	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC113	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)
C904	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R	CC115	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
C905	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R	CC116	0CE477EK618	470UF KMG 50V 20% FL TP 5
C906	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)	CC117	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
CC118	0CE477WF6DC	470UF MVK 16V 20% SMD R/TP(SMD)
CC119	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
CC120	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC121	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC122	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC123	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC124	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC125	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC126	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
CC127	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
CC128	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
CC131	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC133	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC134	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC135	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
CC137	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
CC138	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
CC139	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
CC140	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC143	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
CC144	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
CC145	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
CC147	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC151	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC156	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
CC158	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC161	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
CC163	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
CC164	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC166	0CE107WF6DC	100UF MVK 16V 20% R/TP(SMD) SMD
CC167	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC168	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC169	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
CC170	0CK103CK56A	0.01UF 1608 50V 10% R/TP X7R
CC171	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
CC172	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
CC173	0CE476WH6DC	47UF MVK 25V 20% SMD R/TP(SMD)
R353	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
R354	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
R355	0CK104CK56A	0.1UF 1608 50V 10% R/TP X7R
COIL		
L1013	6140VB0004B	COIL,CHOKE 26UH
L1014	6140VB0004B	COIL,CHOKE 26UH
L1015	6140VB0004B	COIL,CHOKE 26UH
L1025	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L1026	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L1027	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH
L1028	6140VB0032A	COIL,CHOKE DBF-1015A 15.5UH

LOCA. NO	PART NO	DESCRIPTION
L207	6140VB0004B	COIL,CHOKE 26UH
L802	6140VB0004B	COIL,CHOKE 26UH
L803	6140VB0004B	COIL,CHOKE 26UH
WAFER		
C19	366-036B	CONNECTOR,WAFER STAPLE
JK900	6602T12007D	CONNECTOR,WAFER GT121-31P-TD
P1	6602T20009C	CONNECTOR,WAFER SMAW200-04
P100	6602T20009J	CONNECTOR,WAFER SMAW200-10
P100	6602T20009C	CONNECTOR,WAFER SMAW200-04
P100	6630V90142A	CONNECTOR,WAFER TPH254-R-1419-6A
P1001	6602T25008J	WAFER,SMW250-10 YEONHO 2.5MM
P101	6602T20009L	CONNECTOR,WAFER SMAW200-12
P101	6602T20008L	CONNECTOR,WAFER SMW200-12
P101	6602T20009C	CONNECTOR,WAFER SMAW200-04
P102	6602T20008J	CONNECTOR,WAFER SMW200-10
P1102	6602T25008C	CONNECTOR,WAFER SMW250-04
P1103	6602T25008B	CONNECTOR,WAFER SMW250-03
P200	366-932E	CONNECTOR,WAFER 6PIN 2.54MM
P200	6630VE00725	CONNECTOR,WAFER 10022HS-25A02
P201	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
P800	6602T25008M	WAFER SMW250-13 YEONHO 2.5MM
P801	6602T25008L	CONNECTOR,WAFER SMW250-12
P802	6630VE00725	CONNECTOR,WAFER 10022HS-25A02
P804	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
P805	366-932B	CONNECTOR,WAFER IL-G-03P
CONNECTOR		
C10	6631900012E	CONNECTOR ASSEMBLY,10P 2.5MM 300MM
C11	6631900027E	CONNECTOR ASSEMBLY,13P 2.5MM 300MM
C12	6631900065A	CONNECTOR ASSEMBLY,12P 2.5MM 450MM
C13	6631900104A	CONNECTOR ASSEMBLY,12P 2.0MM 400MM
C14	6631V10003C	CONNECTOR ASSEMBLY,25P 1.0MM 50MM
C15	6631V10004Z	CONNECTOR ASSEMBLY,31P 1.0MM 50MM
C16	6631V25032E	CONNECTOR ASSEMBLY,3P 2.5MM 300MM
C17	6631V39015E	CONNECTOR ASSEMBLY,4P 3.96MM 300MM
C18	6631V39016E	CONNECTOR ASSEMBLY,10P 3.96MM 300MM
C5	6631900105C	CONNECTOR ASSEMBLY,12P 2.0MM 700MM
C6	6631900097C	CONNECTOR ASSEMBLY,3P 2.5MM 1100/600MM
C7	6631900098C	CONNECTOR ASSEMBLY,4P 2.5MM 1000/600MM
C8	6631T20031J	CONNECTOR ASSEMBLY,4P 2.0MM 800MM
C9	6631900050C	CONNECTOR ASSEMBLY,10P 2.0MM 1200MM
JK101	6630G70016A	CONNECTOR,D-SUB A03-7071-094
JK200	6630G70017A	CONNECTOR,D-SUB A02-0915-101
JACK		
ANT1	6612J10022A	JACK,RCA KCN-BT-0-0054 17MM
ANT2	6612J10022A	JACK,RCA KCN-BT-0-0054 17MM
JK100	6612BBBHN4D	JACK,DIN TOTX177
JK100	6612F00099A	JACK,PHONE PEJ024-01 7P 10MM
JK101	6612J10033A	JACK,RCA PMJ016-13 3P

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
JK102	6612J10031A	JACK,RCA PPJ209-02 5P
JK103	6612J10031A	JACK,RCA PPJ209-02 5P
JK104	6612J00062N	JACK,RCA PMJ030-02 6P
JK105	6612F00099A	JACK,PHONE PEJ024-01 7P 10MM
JK600	6612B00015B	JACK,DIN DC1R019WDH JAE 0.5MM
RESISTOR		
AR100	0RRZVTA001C	4.7K OHM 1 / 16 W 1608 5%
AR1100	0RRZVTA001C	4.7K OHM 1 / 16 W 1608 5%
AR1101	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1102	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR300	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR301	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR302	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR303	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR304	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR305	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR306	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR307	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR308	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR309	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR600	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR601	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR602	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR603	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR604	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR605	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR900	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR901	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR902	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR903	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR904	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR905	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR906	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR907	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR908	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR909	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR910	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR911	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR912	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R126	0RN1002F409	10K OHM 1/6 W 1.00% TA52
R821	0RD0222A609	22 OHM 1/2 W(7.0) 5.00% TA52
SWITCH		
SW101	140-313A	SWITCH,TACT 2LEAD 100G(TA)
SW101	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW102	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW103	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW104	140-313B	SWITCH,TACT 2LEAD 160G(TA)

LOCA. NO	PART NO	DESCRIPTION
SW105	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW106	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW107	140-313B	SWITCH,TACT 2LEAD 160G(TA)
SW108	140-313B	SWITCH,TACT 2LEAD 160G(TA)
FILTER & CRYSTAL		
F800	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F802	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F804	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F805	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F806	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F807	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F808	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F809	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F810	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F811	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F812	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F813	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F814	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F815	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
F816	6200QJ3001A	FILTER,EMC BMS400 25V 200MA
L1000	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1001	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1002	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1003	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1004	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1005	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1006	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1007	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L101	6210VC0005A	FILTER,EMC BK2125 HS 750
L1010	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1011	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1018	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L102	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L1021	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1022	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1023	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1024	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L103	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L1032	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1033	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L105	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L106	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L107	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L1102	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1104	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L1107	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L200	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L200	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L201	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L201	6200J000013	FILTER,EMC MLB-321611-0500P-N2

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
L202	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L203	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L204	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L205	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L206	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L208	6200J000013	FILTER,EMC MLB-321611-0500P-N2
L302	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L303	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L304	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L305	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
L306	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
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L910	0LCML00003B	FILTER,EMC MLB-201209-0120P-N2
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X100	6212AB3004D	RESONATOR,CRYSTAL CSALF2M69G4ZF01-A3
X100	6212AB2015E	RESONATOR,CRYSTAL HC-49/SM 10.0MHZ
X1000	6202VDT002H	RESONATOR,CRYSTAL SX-1 18.432000MHZ
X101	6212AB2015A	RESONATOR,CRYSTAL HC-49/SM4H 4MHZ
X102	6202VDT002D	RESONATOR,CRYSTAL SX-1SMD 8.0MHZ
X300	6212AB2806A	RESONATOR,CRYSTAL SX-1 24.576MHZ
X600	6212AB2845A	RESONATOR,CRYSTAL ABL5-27.000MHZ
MISCELLANEOUS		
C1	6850J00005G	CABLE,DVI LVDS UL20276 AWG30 300MM

LOCA. NO	PART NO	DESCRIPTION
C2	6851V00022D	CABLE,COAXIAL UL1365#26 VW-1 250MM
C3	6850TD9007E	CABLE,D-SUB UL20276-9C(5.8MM) DT L1800
C4	6851V00019A	CABLE,COAXIAL RF 4AC208A0 3M
IC105	692791100AE	SOFT WARE,3.02.1V 2673 PDP PA51D
IC106	692791101AE	SOFT WARE,3.02.1V DA47 PDP PA51D
IC109	692791102AB	SOFT WARE,3.00V 65CF PDP PA51D
J1	6871VSMFA8A	PCB ASSEMBLY,SUB A/V OPTIC BD
PA101	6712000011B	REMOTE CONTROLLER RECEIVER
PA102	6712000011B	REMOTE CONTROLLER RECEIVER
SW200	6634D00010D	ADAPTER,RF TASA-H303P 75 OHM
TU1100	6700AN0002C	TUNER,TDVS-H702P
VX500	6204B60001B	OSCILLATOR,27MHZ +/- 100 PPM 3.3V
X1100	6204B47985K	OSCILLATOR,BMS-873R 25MHZ
ACCESSORIES		
A1	38289U0527B	MANUAL,USER PA51D
A2	6710V00151W	REMOTE CONTROLLER
A3	6410VUH005E	POWER CORD,LP-31+LS-13 2800MM
A7	4972V00178A	FIXER,WALL NON ASSY

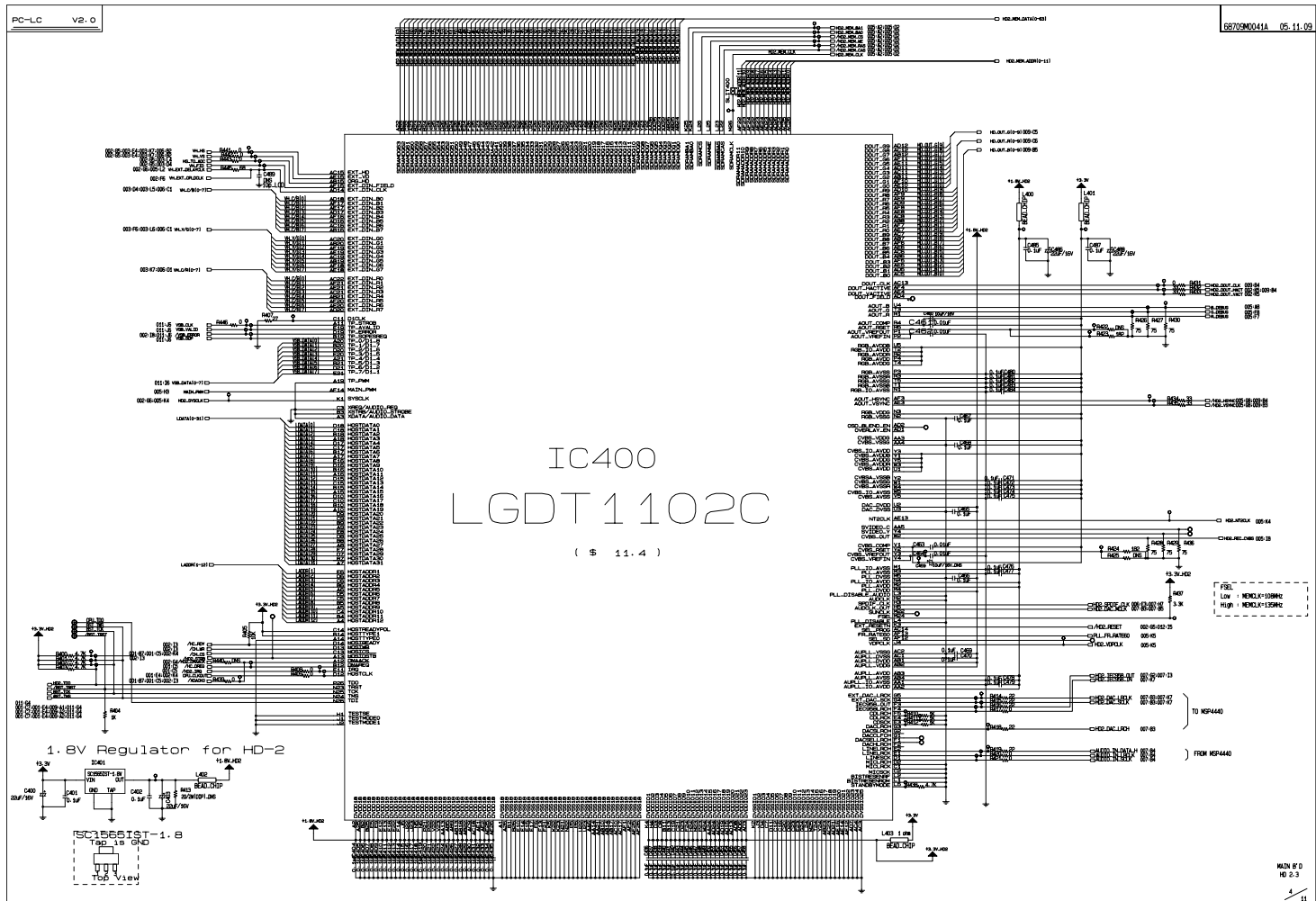
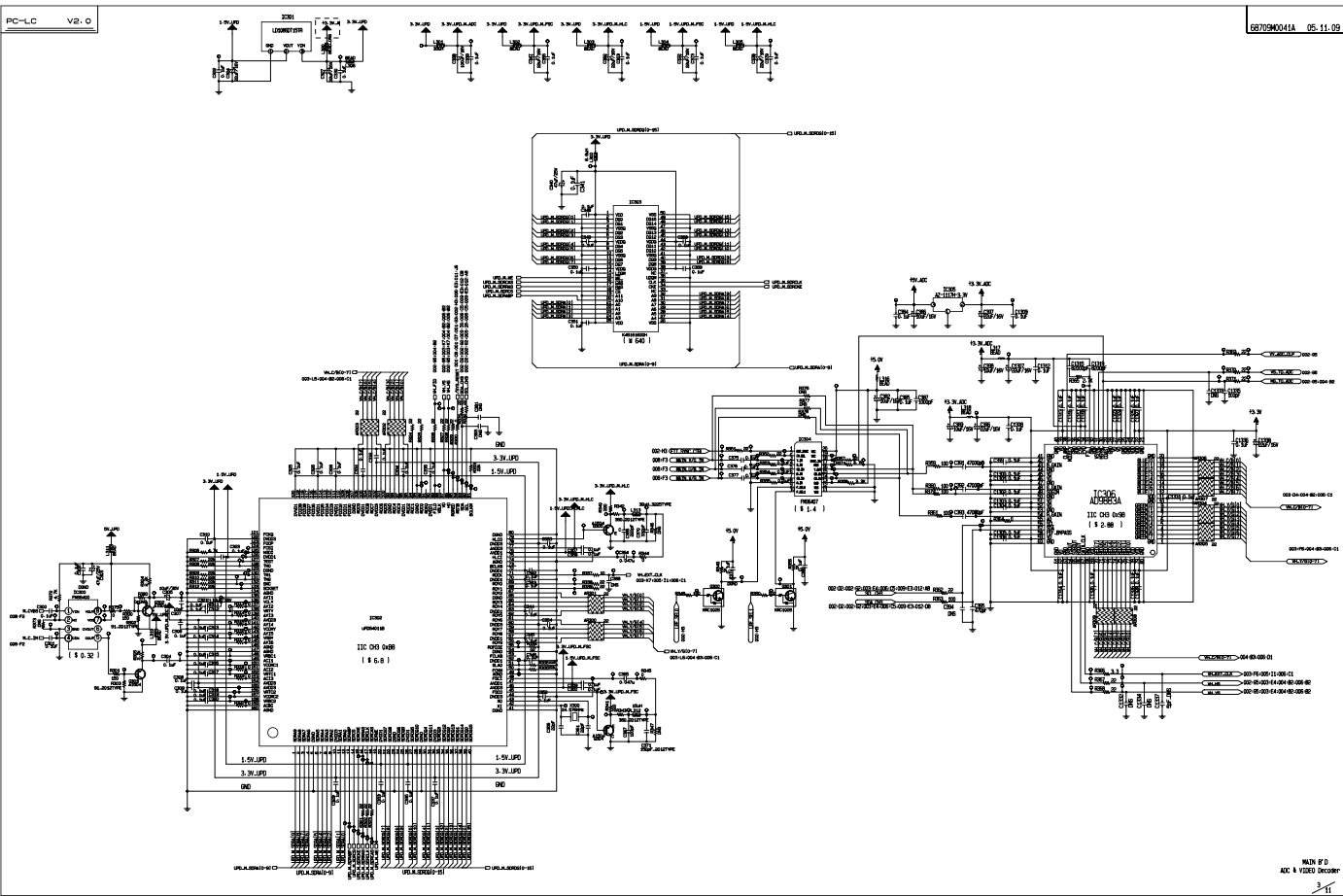
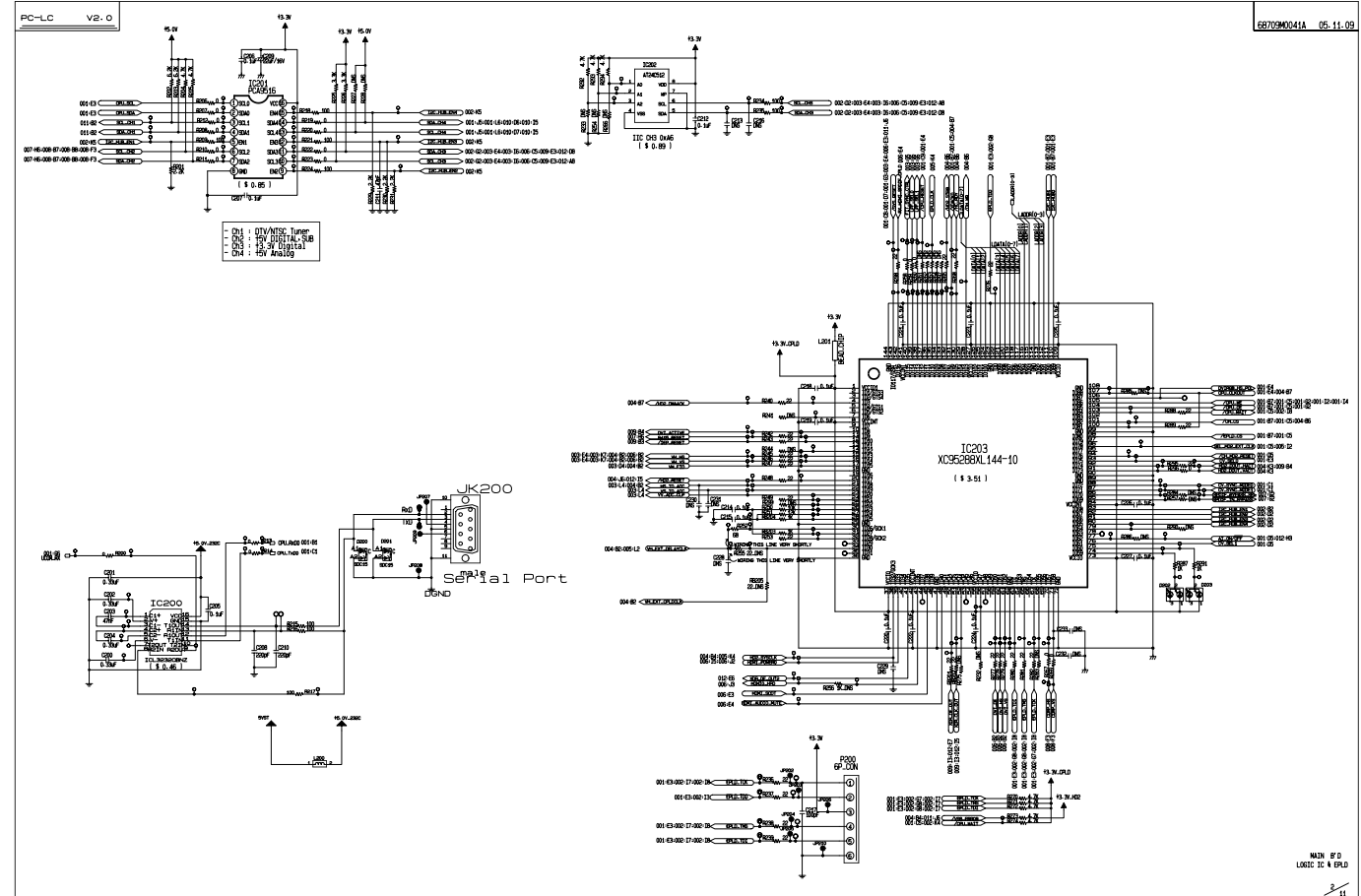
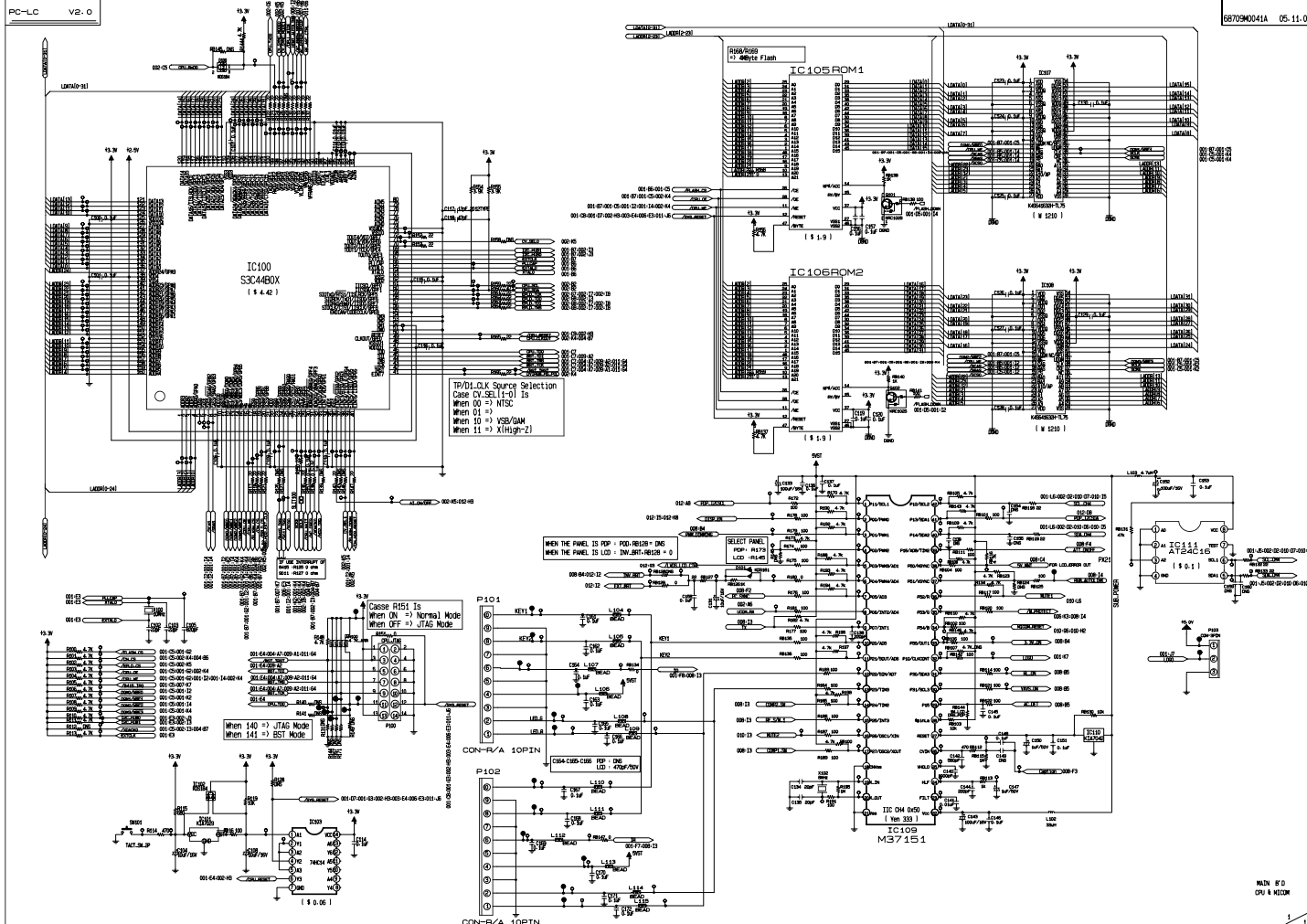


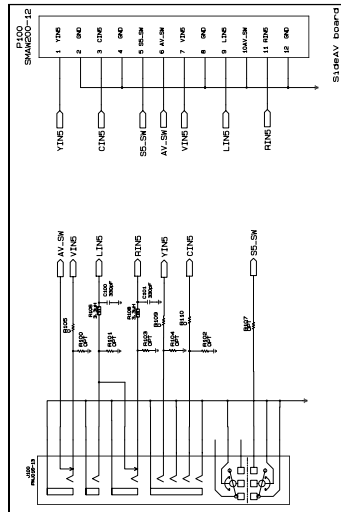
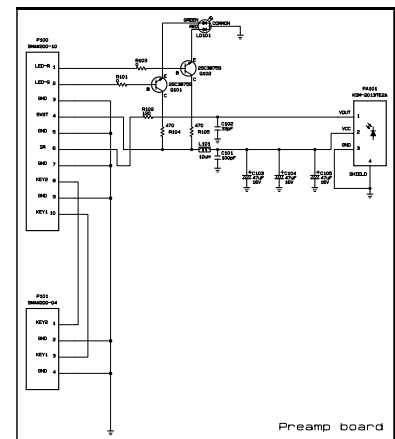
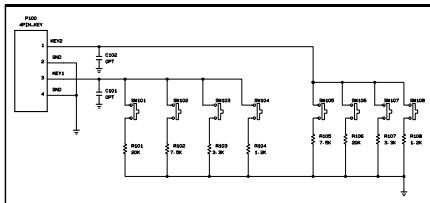
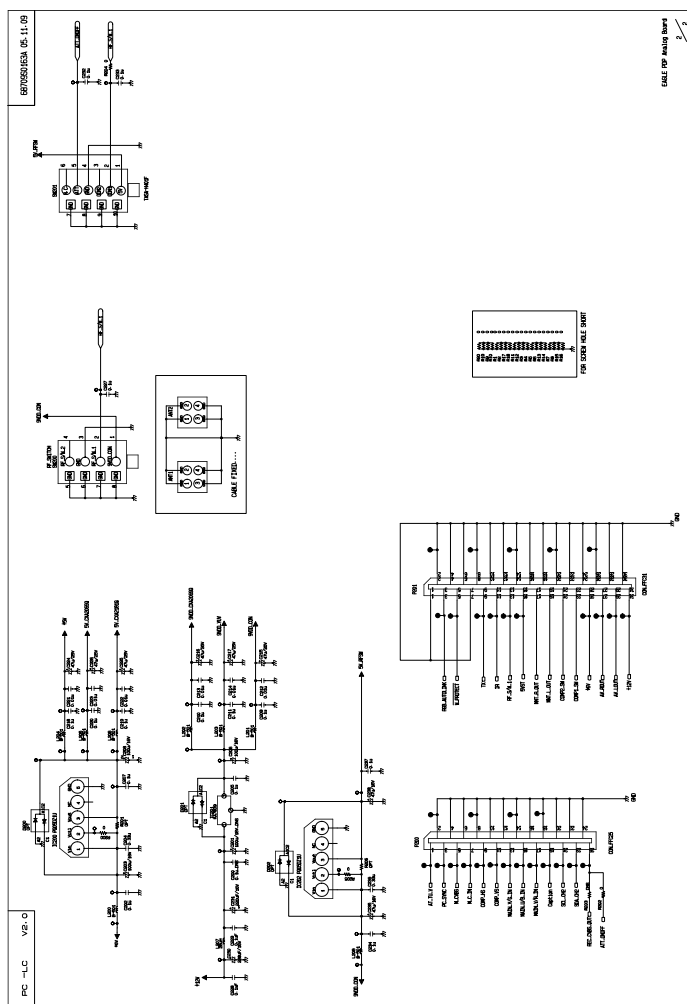
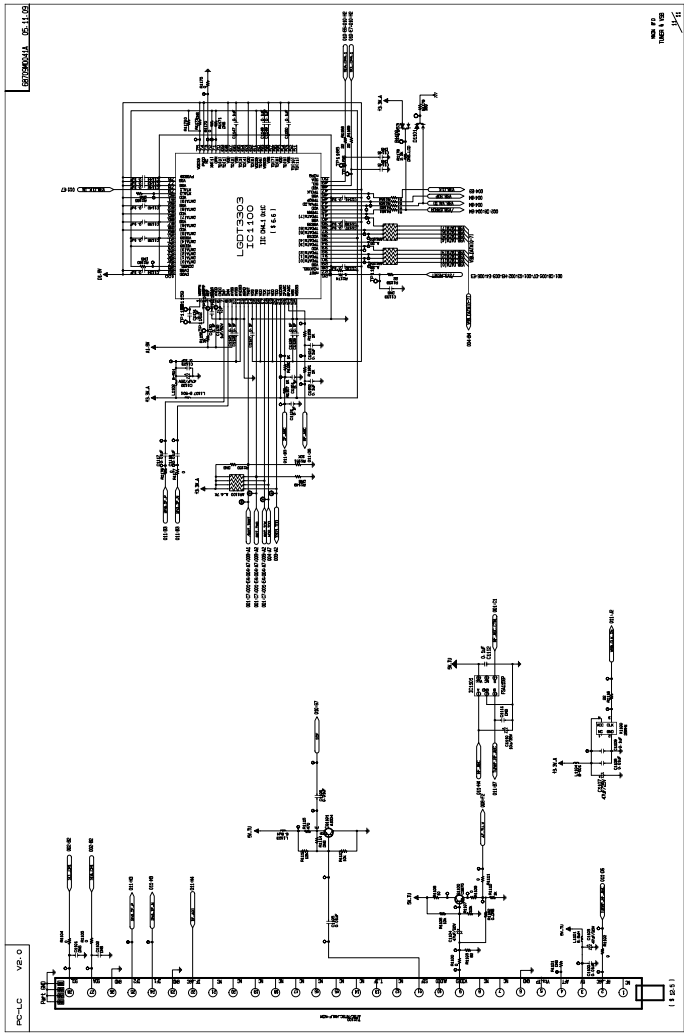
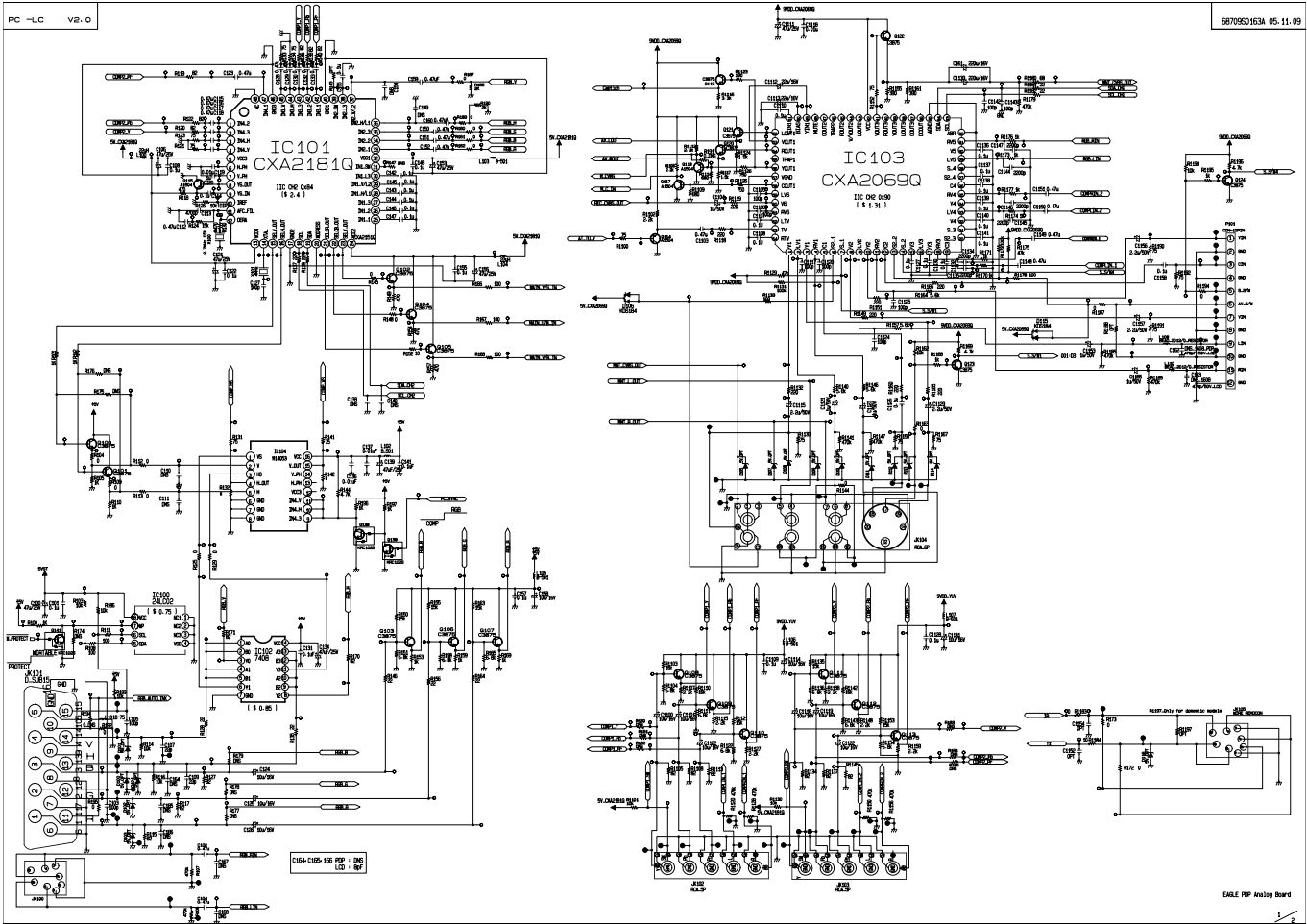
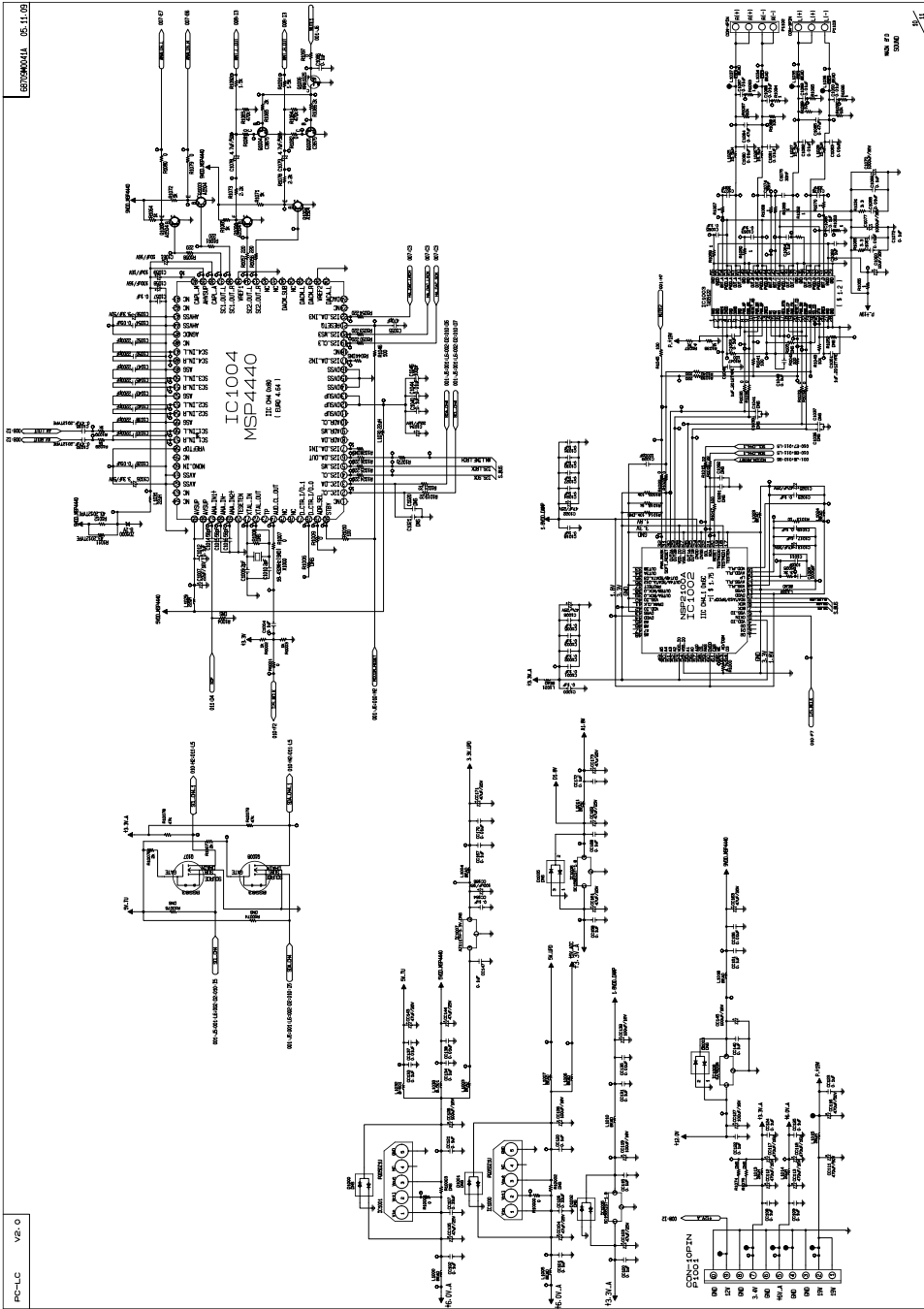
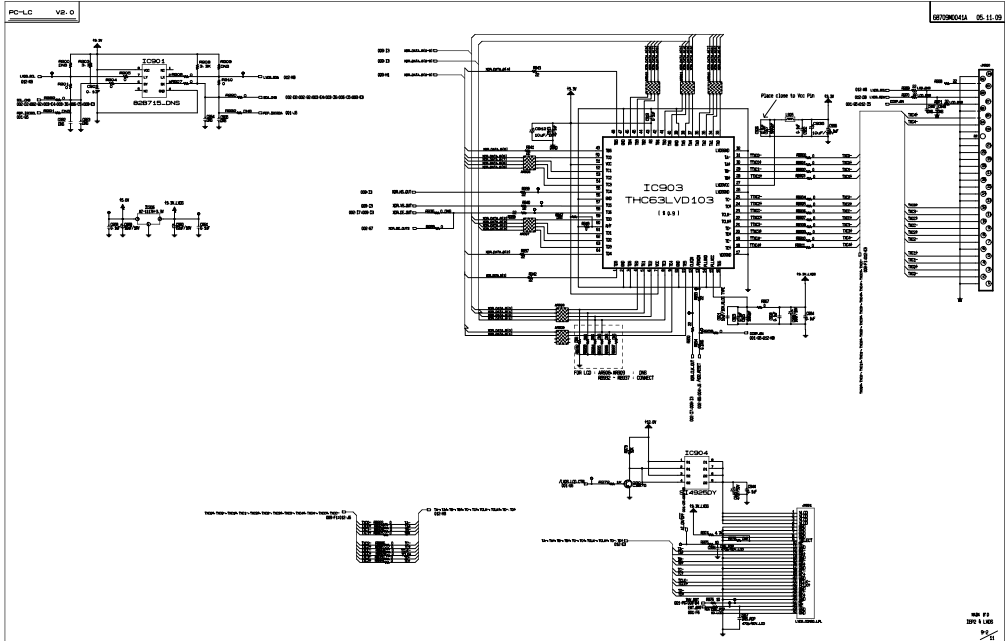
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Printed in Korea

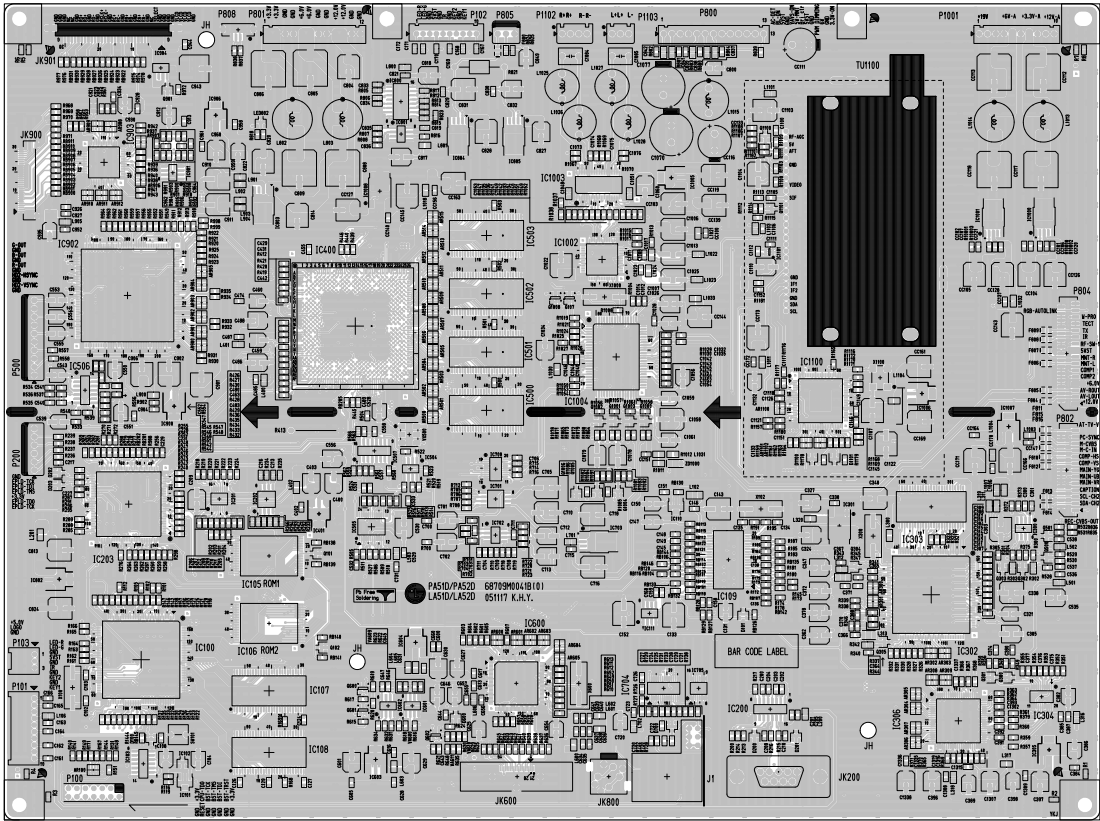
**CANADA: LG Electronics Canada, Inc. 550 Matheson
Boulevard East Mississauga, Ontario L4Z 4G3**

**USA : LG Electronics Alabama, Inc.
P.O.Box 240007, 201 James Record Road Bldg 3
Huntsville, AL 35824**

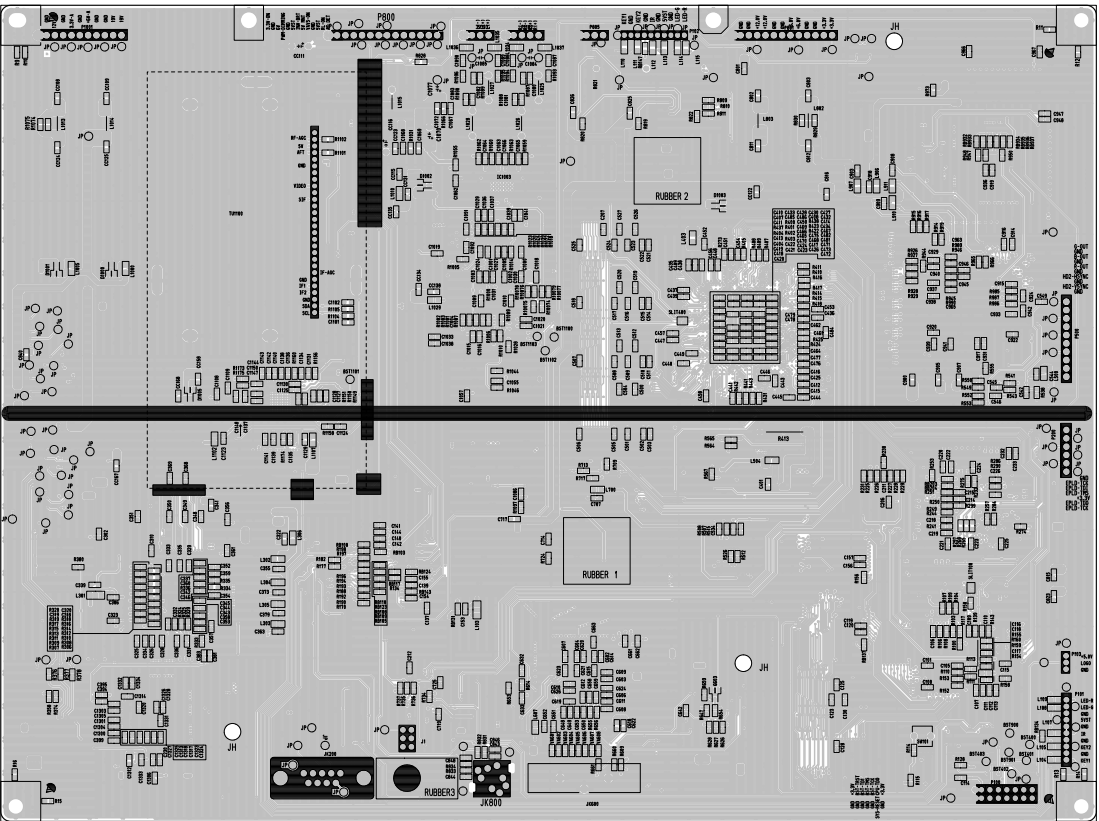




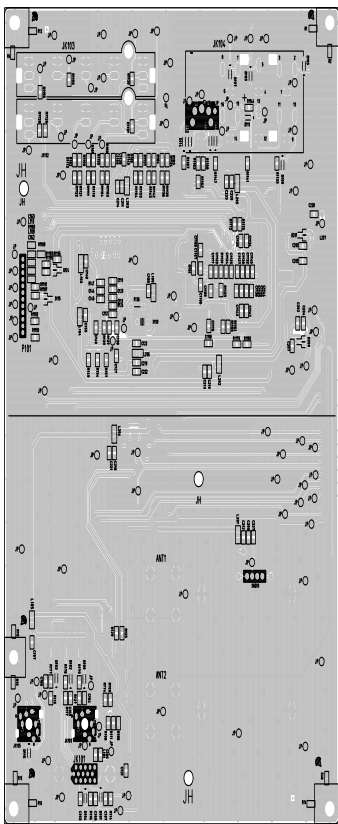
MAIN(TOP)



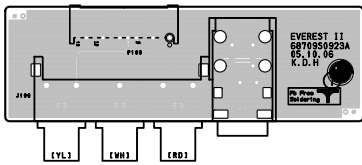
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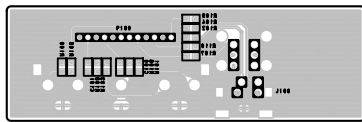
AV(TUNER)



SIDE AV(TOP)



SIDE AV(BOTTOM)



CONTROL



PRE-AMP

